

(B)

# EIC 3600 COMMERCIAL DATABASE SEARCH REQUEST

☐ RUSH - SPE signature required: \_\_\_\_\_

Staff Use Only

Access DB#

74881

Business Methods Case: 705/ 30, Cross 705/31-34 Log Number: \_\_\_\_\_

Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

Requester's Full Name: Andrew Fischer Examiner #: 75586 Date: September 4, 2002

Art Unit: 3627 Phone Number: 305-0292 Serial Number: 09/600,509

Bldg & Room #: PK5 7B-09 Results Format Preferred: PAPER ☒ DISK ☐ E-MAIL ☐

**If more than one search is submitted, please prioritize searches in order of need.**

**Provide the PALM Bib page or the following:**

(Total Pages including this sheet: 9)

Title of Invention: \_\_\_\_\_ Bib Data Sheet Attached \_\_\_\_\_

Inventors (provide full names) : \_\_\_\_\_

Earliest Priority Filing Date: November 17, 1999, ideally before November 17, 1998

**Requested attachments:**

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are:  
***abstract, background, summary, claim(s) [not all of the claims].***

Abstract, Background of the Invention, and claims 1 and 4-7 included.

**The claimed or apparent novelty of the invention is:**

1) A computer which reduces numerical information stored in the computer and changes information from an unavailable state to an available state (basically an attribute change).

The numerical information has an initial value based on some processing status received from any external source. The external source basing its status on the numerical information received from the computer.

**This search should focus on:**

(Also include keywords or synonyms)

09-04-2002 A11:34

An accounting system where interacting with an external source and changing status of data (primarily from available to unavailable.

If you have any questions or need help with keywords, please feel free to contact me.

Special Instructions or Other Comments

COMPLETE PRIOR ART & INTERNET SEARCH REQUESTED

# EIC 3600 COMMERCIAL DATABASE SEARCH REQUEST

☐ RUSH - SPE signature required: \_\_\_\_\_

Staff Use Only  
Access DB# 74881

Business Methods Case: 705/30, Cross 705/31-34 Log Number: \_\_\_\_\_  
Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

Requester's Full Name: Andrew Fischer Examiner #: 75586 Date: September 4, 2002

Art Unit: 3627 Phone Number: 305-0292 Serial Number: 09/600,509

Bldg & Room #: PK5 7B-09 Results Format Preferred: PAPER ☒ DISK ☐ E-MAIL ☐

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following: (Total Pages including this sheet: 9)

Title of Invention: \_\_\_\_\_ Bib Data Sheet Attached \_\_\_\_\_

Inventors (provide full names): \_\_\_\_\_

Earliest Priority Filing Date: November 17, 1999, ideally before November 17, 1998

## Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc, if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are:  
abstract, background, summary, claim(s) [not all of the claims].

Abstract, Background of the Invention, and claims 1 and 4-7 included.

## The claimed or apparent novelty of the invention is:

1) A computer which reduces numerical information stored in the computer and changes information from an unavailable state to an available state (basically an attribute change).

The numerical information has an initial value based on some processing status received from any external source. The external source basing its status on the numerical information received from the computer.

## This search should focus on:

(Also include keywords or synonyms)

09-04-2002 A11:34

177

An accounting system where interacting with an external source and changing status of data (primarily from available to unavailable).

*Considered all 9/7/02*

If you have any questions or need help with keywords, please feel free to contact me.

Special Instructions or Other Comments

COMPLETE PRIOR ART & INTERNET SEARCH REQUESTED

## STAFF USE ONLY

Searcher: Bodi Akinola

Searcher Phone #: 308-6150

Searcher Location: PK5 8A01

Date Searcher Picked Up: 9-16-02

Date Completed: 9-17-02

Searcher Prep & Review Time: 120 min

Clerical Prep Time: \_\_\_\_\_

Online Time: 180 min

## Type of Search

NA Sequence (#) \_\_\_\_\_ STN \_\_\_\_\_

AA Sequence (#) \_\_\_\_\_ Dialog 1,377

Structure (#) \_\_\_\_\_ Questel/Orbit \_\_\_\_\_

Bibliographic \_\_\_\_\_ Dr.Link \_\_\_\_\_

Litigation \_\_\_\_\_ Lexis/Nexis \_\_\_\_\_

Fulltext \_\_\_\_\_ Sequence Systems \_\_\_\_\_

Patent Family \_\_\_\_\_ WWW/Internet ☒

Other \_\_\_\_\_ Other (specify) \_\_\_\_\_



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

**\*BIBDATASHEET\*****CONFIRMATION NO. 7100**

Bib Data Sheet

SERIAL NUMBER 09/600,509	FILING DATE 07/17/2000  RULE	CLASS 705	GROUP ART UNIT 3627	ATTORNEY DOCKET NO. 6715/60188
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## APPLICANTS

FUMITAKE YODO, TOKYO, JAPAN;

**\*\* CONTINUING DATA \*\*\*\*\***

THIS APPLICATION IS A 371 OF PCT/JP99/06424 11/17/1999

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

JAPAN P10-327019 11/17/1998

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

**\*\* 08/08/2000**

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature _____ Initials _____	STATE OR COUNTRY JAPAN	SHEETS DRAWING 15	TOTAL CLAIMS 12	INDEPENDENT CLAIMS 6
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## ADDRESS

JAY H MAIOLI  
COOPER & DUNHAM  
1185 AVENUE OF THE AMERICAS  
NEW YORK , NY  
10036

## TITLE

TERMINAL, CHARGING SYSTEM, AND DATA PROCESSING METHOD

FILING FEE  RECEIVED 1074	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit

## ABSTRACT

This invention relates to a terminal device capable of communicating with an accounting center, an accounting system, and a data processing method. A point memory 45 of a recording/reproducing device 10 stores accounting point information. An HDD 15 stores information distributed from an external source. A CPU 11 updates the accounting point information stored in the point memory 45 and updates attributes of the distributed information when the distributed information is stored onto the HDD 15. Thus, such inconvenience that communication with a distribution/accounting center 1 is carried out every time information is distributed to the recording/reproducing device 10 is avoided.



*Enter  
@ 4 5/17/02*

SUBSTITUTE SPECIFICATION

Technical Field

This invention relates to a terminal device, an accounting system and a data processing method, and in particular to an accounting system including an accounting center in an information distribution system and a terminal device that can communicate with the accounting center.

*3* Background Art

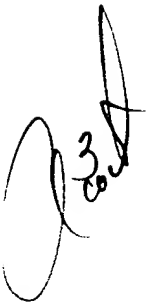
There are various types of audio-visual equipment owned by users and it has been common that users enjoy music and video software for personal use. For example, some users own an audio system using recording media such as compact discs (CD) or mini discs (MD, trademark) and purchase desired CDs or MDs for playback.

Apart from the system for providing music or the like as a so-called package medium to the user, a system for distributing data such as music to a terminal device of the user is considered.

It is also considered to distribute not music data itself but additional data for the music owned by the user on CD or the like, for example, text data of title, lyrics, message and profile of artist, and related graphic data.

In consideration of a system where information distribution of music and additional information is

chargeable, an accounting system capable of collecting an appropriate fee from the user is required.



As the accounting system, there is first considered a system for carrying out accounting through communication between the terminal device and the accounting center every time chargeable information is taken into the terminal device owned by the user. In such a system, for example, in the state where the terminal device and the accounting center are connected with each other via a telephone line or the like, the accounting center carries out accounting with respect to the user in accordance with the information taken into the user terminal device and later draws the fee from the bank account of the user.

However, as the communication between the accounting center and the terminal device is carried out every time information is taken into the user terminal device as described above, the user must wait for the use of information until the accounting processing is completed. Particularly, depending on the degree of congestion and type of line, the user may have to wait for a very long time.

It is also considered to employ a prepaid card as the accounting system. However, there are many disadvantages of this type of system such as the high cost of circulation of the prepaid cards, the troublesome procedure for the user to purchase the card, and the necessity of providing a dedicated card reader in the terminal device of the user.

## Disclosure of the Invention

Thus, it is an object of the present invention to overcome the foregoing problems.

According to the present invention, there is provided a terminal device including: a first memory for storing accounting point information; a second memory for storing information distributed from an external source; and a control section for updating the accounting point information stored in the first memory and updating attributes of the distributed information when the distributed information is stored in the second memory.

According to the present invention, there is also provided an accounting system including: a terminal device including a first memory for storing accounting point information, a second memory for storing information distributed from an external source, and a control section for updating the accounting point information stored in the first memory and updating attributes of the distributed information when the distributed information is stored in the second memory; and an accounting center including an accounting section for carrying out accounting processing in accordance with the accounting point information transmitted from the terminal device.

## Brief Description of the Drawings

Fig.1 is a schematic view showing the overview of an information distribution system to which the present invention

Sir:

In response to the Official Action of May 21, 2001, Applicant respectfully requests that the above-identified application be amended as follows:

IN THE CLAIMS

Please amend claims 1 and 4-7 by rewriting same to read as follows, and cancel claim 3, without prejudice or disclaimer.

--1. (Twice Amended) A terminal device for communicating with an accounting center, comprising:

- a first memory for storing accounting point information;
- a second memory for storing information received from an external source external to the terminal device;
- a controller for updating the accounting point information stored in the first memory and for updating attributes of the received information when the received information is stored in the second memory,

wherein when the received information is stored into the second memory the controller reduces the accounting point information stored in the first memory and updates the attributes of the received information from an unavailable state to an available state; and

a second controller for transmitting the accounting point information stored in the first memory to the accounting center and for setting the accounting point information to an initial value based on an accounting processing status, received by the terminal device from the accounting center, corresponding to the accounting point information.

--4. (Twice Amended) The terminal device as claimed in claim 1, wherein when the accounting point information stored in the first memory is below a minimum for the received information stored in the second memory, the controller performs control so that the attributes of the received information are held in the unavailable state to a user.

--5. (Twice Amended) The terminal device as claimed in claim 1, wherein when the accounting point information stored in the first memory is below a minimum for the received information stored in the second memory, the second controller transmits the accounting point information stored in the first memory to the accounting center and sets the accounting point information stored in the first memory at the initial value based on the status of accounting processing corresponding to the accounting point information.

Set	Items	Description
S1	4	AU=(YODO, F? OR YODO F?)
S2	517436	NETWORK? OR INTERNET OR INTRANET OR EXTRANET OR ONLINE OR - ON()LINE OR WEB? OR WWW OR LAN OR WAN OR ELECTRONIC? OR COMPU- TERI? OR AUTOMATE? OR SERVER? OR HOMEPAGE? OR HOME()PAGE?
S3	337420	TERMINAL? ? OR NODE OR NODES OR PC OR CPU
S4	550636	INFO OR INFORMATION OR DATA
S5	129163	ACCOUNT?
S6	858920	TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL- OAD?
S7	1276559	SYNC? OR UPDAT? OR UP() (DATE? OR DATING) OR MODIF? OR ALTE- R??? OR CHANG???
S8	1141753	STATE? ? OR STATUS OR ATTRIBUT? OR FEATURE? OR MODE OR MOD- ES
S9	151750	S7(5N)S8
S10	139230	S4(3N)S6
S11	5185	S9(S)S10
S12	1454	S11(10N) (S2 OR S3)
S13	98	S12(S)S5
S14	29	S13 AND IC=G06F-017/60
S15	2086	S9(15N)S10
S16	418	S15(7N) (S2 OR S3)
S17	36	S16 AND IC=G06F-017/60
S18	61	S17 OR S14

?show files

File 348:EUROPEAN PATENTS 1978-2002/Sep W01

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1983-2002/UB=20020912,UT=20020905

(c) 2002 WIPO/Univentio

*Considered Cg7 9/9/05*

18/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01446316

CONTENT DISTRIBUTION SYSTEM AND CONTENT DISTRIBUTION METHOD  
VERFAHREN UND VORRICHTUNG ZUR VERTEILUNG EINES DATENINHALTS  
SYSTEME DE DISTRIBUTION DE CONTENU ET PROCEDE DE DISTRIBUTION DE CONTENU  
PATENT ASSIGNEE:

Sony Computer Entertainment Inc., (2185312), 1-1, Akasaka 7-chome,  
Minato-ku, Tokyo 107-0052, (JP), (Applicant designated States: all)  
Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

YOSHINO, Kenji c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome  
Shinagawa-ku, Tokyo 141-0001, (JP)  
ISHIBASHI, Yoshihito c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome  
Shinagawa-ku, Tokyo 141-0001, (JP)  
AKISHITA, Toru c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome  
Shinagawa-ku, Tokyo 141-0001, (JP)  
SHIRAI, Taizo c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome  
Shinagawa-ku, Tokyo 141-0001, (JP)  
OKA, Makoto c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome  
Shinagawa-ku, Tokyo 141-0001, (JP)  
YOSHIMORI, M. c/o Sony Computer Entertainment Inc., 1-1, Akasaka 7-chome  
Minato-ku, Tokyo 107-0052, (JP)

LEGAL REPRESENTATIVE:

Turner, James Arthur (74631), D. Young & Co., 21 New Fetter Lane, London  
EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1237321 A1 020904 (Basic)  
WO 2002037746 020510

APPLICATION (CC, No, Date): EP 2001983795 011101; WO 2001JP9607 011101

PRIORITY (CC, No, Date): JP 2000334183 001101

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

INTERNATIONAL PATENT CLASS: H04L-009/00; G06F-017/60

ABSTRACT WORD COUNT: 152

NOTE:

Figure number on first page: 0001

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200236	1868
SPEC A	(English)	200236	48352
Total word count - document A			50220
Total word count - document B			0
Total word count - documents A + B			50220

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION process proceeds to a next step only when the status is in  
the "charging completed" state .

If the status is changed into the "charging completed" state , the  
shop server 100 transmits the encrypted content key data 2 (shop) to  
the user device (process step...

18/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01429996

Membership information retrieval server, user terminal, message-sending  
terminal, and method for retrieving membership information and for  
sending message

Wiederauffindungsserver für Mitgliedschaftsinformationen, Benutzerendgerät,  
Endgerät zum Senden von Berichten und Verfahren zum Wiederauffinden von

Mitgliedschaftsinformationen und zum Senden von Berichten  
Serveur pour recouvrer des informations d'appartenance, terminal  
d'utilisateur, terminal pour l'envoi de messages et methode pour  
recouvrer des informations d'appartenance et pour envoyer des messages

PATENT ASSIGNEE:

Square Co., Ltd., (2200894), Arco Tower, 1-8-1 Shimomeguro, Meguro-ku,  
Tokyo 153-8688, (JP), (Applicant designated States: all)

INVENTOR:

Maehiro, Kazutoyo, c/o Square Co., Ltd., Arco Tower, 1-8-1 Shimomeguro,  
Meguro-ku, Tokyo 153-8688, (JP)

LEGAL REPRESENTATIVE:

Musker, David Charles et al (62142), R.G.C. Jenkins & Co. 26 Caxton  
Street, London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 1207480 A2 020522 (Basic)

APPLICATION (CC, No, Date): EP 2001302943 010329;

PRIORITY (CC, No, Date): JP 2000351910 001117

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 120

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200221	1861
SPEC A	(English)	200221	6199
Total word count - document A			8060
Total word count - document B			0
Total word count - documents A + B			8060

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION and a page number 811 that shows the serial number of  
pages. The icon 805 **changes** its shape for each **online status**, for  
example " **online** " (being connected on the **network** ), "capturing" (  
**transferring** received **data** into a file for archiving or later  
analysis), and "offline" (being disconnected from the network...

18/3,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01411968

Fully automated vehicle dispatching, monitoring and billing  
Vollautomatisches System zum Aussenden, Überwachen und Verrechnen von  
Fahrzeugen

Systeme entierement automatique de repartition, de suivi et de facturation  
de vehicules

PATENT ASSIGNEE:

Total Technology, Inc., (2543240), 607 W. McMicken, Cincinnati, OH 45214,  
(US), (Applicant designated States: all)

INVENTOR:

Smith, Chris C., Sanctuary Court, 06, KY 41017 - Edgewood, (US)  
Edwards, Kenneth W., Constituion Drive, 1.186, KY 41051 - Independence,  
(US)

LEGAL REPRESENTATIVE:

Findlay, Alice Rosemary (69451), Lloyd Wise, Tregear & Co., Commonwealth  
House, 1-19 New Oxford Street, London WC1A 1LW, (GB)

PATENT (CC, No, Kind, Date): EP 1193631 A2 020403 (Basic)

APPLICATION (CC, No, Date): EP 2001204349 961025;

PRIORITY (CC, No, Date): US 549380 951027

DESIGNATED STATES: AT; DE; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 865635 (EP 96937068)



INTERNATIONAL PATENT CLASS: G06F-017/60 ; G06F-165/00; G08G-001/127  
ABSTRACT WORD COUNT: 124  
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200214	1660
SPEC A	(English)	200214	14616
Total word count - document A			16276
Total word count - document B			0
Total word count - documents A + B			16276

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION confirm that it is en route to its pick-up, it may use its mobile data terminal to send a status update message to the automated dispatch system. Furthermore, when the vehicle becomes available, it may send a different status message...

18/3,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01367106

Method and apparatus for processing an online transaction over a communication network

Vefahren und Vorrichtung zum Bearbeiten von Online -Transaktionen uber ein Kommunikationsnetzwerk

Procede et dispositif pour le traitement en ligne de transactions sur un reseau de communication

PATENT ASSIGNEE:

INTERSHOP Software Entwicklungs GmbH, (2977390), Leutragraben 2-4, 07743 Jena, (DE), (Applicant designated States: all)

INVENTOR:

Schambach Stephan, 3329 El Sobrante, San Mateo, CA 9440, (US)

Gessner Frank, Frommannstr.7, 07743 Jena, (DE)

Mallwitz Christian, Naumannstr.9, 07743 Jena, (DE)

Muller Ulrike, Rathausgasse 2, 07743 Jena, (DE)

LEGAL REPRESENTATIVE:

Betten & Resch (101031), Postfach 10 02 51, 80076 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1164515 A1 011219 (Basic)

APPLICATION (CC, No, Date): EP 2000112410 000609;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G07F-007/10

ABSTRACT WORD COUNT: 129

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200151	891
SPEC A	(English)	200151	2908
Total word count - document A			3799
Total word count - document B			0
Total word count - documents A + B			3799

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION transaction. This slows down the execution speed and increases the processing load of the transaction server . Another problem is that the object information or object attributes transmitted to the client maybe updated frequently, for example a

product price which depends on volatile market conditions. In these cases  
...

18/3,K/5 (Item 5 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01341214

On-line location of consumer product having specific configuration  
On-Line-Auffinden eines Verbraucherprodukts mit einer spezifischen  
Konfiguration  
Localisation en ligne d'un produit de consommation avec une configuration  
specifique

PATENT ASSIGNEE:

FORD MOTOR COMPANY, (476340), The American Road, Dearborn, MI 48121, (US)  
, (Applicant designated States: all)

INVENTOR:

Smith, Stephen, 9055, Ashdown Avenue, White Lake, Michigan 48386, (US)

LEGAL REPRESENTATIVE:

Messulam, Alec Moses (33832), A. Messulam & Co. Ltd., 43-45 High Road,  
Bushey Heath, Bushey, Herts WD23 1EE, (GB)

PATENT (CC, No, Kind, Date): EP 1146465 A2 011017 (Basic)  
EP 1146465 A3 020821

APPLICATION (CC, No, Date): EP 2001302908 010328;

PRIORITY (CC, No, Date): US 539392 000331; US 537190 000329

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 129

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200142	490
SPEC A	(English)	200142	16811
Total word count - document A			17301
Total word count - document B			0
Total word count - documents A + B			17301

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION a copy of the order update message is also routed to data  
collector 1154 via web server 605. In addition, each time the status  
of the order is updated in workflow manager 622, a copy of the status  
update message is also sent to data collector 1154.

When a configuration is sent as a request for a lead, a lead...

18/3,K/6 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01335435

Order status inquiry and tracking  
Auskunft über und Verfolgen des Status einer Bestellung  
Demande de renseignement et suivi d'etat d'une commande

PATENT ASSIGNEE:

FORD MOTOR COMPANY, (476340), The American Road, Dearborn, MI 48121, (US)  
, (Applicant designated States: all)

INVENTOR:

Hanzek, Joe J., 22449 Paddington Court, Novi, Michigan 48374, (US)

LEGAL REPRESENTATIVE:

Messulam, Alec Moses (33832), A. Messulam & Co. Ltd., 43-45 High Road,  
Bushey Heath, Bushey, Herts WD23 1EE, (GB)

. PATENT (CC, No, Kind, Date): EP 1139264 A2 011004 (Basic)  
EP 1139264 A3 020821  
APPLICATION (CC, No, Date): EP 2001302903 010328;  
PRIORITY (CC, No, Date): US 537190 000329  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06F-017/60  
ABSTRACT WORD COUNT: 109  
NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200140	542
SPEC A	(English)	200140	16779
Total word count - document A			17321
Total word count - document B			0
Total word count - documents A + B			17321

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION a copy of the order update message is also routed to data collector 1154 via web server 605. In addition, each time the status of the order is updated in workflow manager 622, a copy of the status update message is also sent to data collector 1154.  
When a configuration is sent as a request for a lead, a lead...

18/3,K/7 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01335434

On-line system and method of ordering and specifying consumer product  
On-Line System und Verfahren zur Bestellung und Spezifikation von  
Gebrauchsgutern

Systeme en ligne et methode de commande et de specification d'un produit de  
consommation

PATENT ASSIGNEE:

FORD MOTOR COMPANY, (476340), The American Road, Dearborn, MI 48121, (US)  
, (Applicant designated States: all)

INVENTOR:

Bartkowiak, Don G., 18147 Levan, Livonia 48152, (US)  
Champagne, Daryl L., 17473 Maple Hill Drive, Northville, Michigan 48167,  
(US)

LEGAL REPRESENTATIVE:

Messulam, Alec Moses et al (33832), A. Messulam & Co. Ltd., 43-45 High  
Road, Bushey Heath, Bushey, Herts WD23 1EE, (GB)

PATENT (CC, No, Kind, Date): EP 1139263 A1 011004 (Basic)

APPLICATION (CC, No, Date): EP 2001302902 010328;

PRIORITY (CC, No, Date): US 543686 000405; US 537190 000329

DESIGNATED STATES: DE; FI; GB; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 81

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200140	407
SPEC A	(English)	200140	16557
Total word count - document A			16964
Total word count - document B			0
Total word count - documents A + B			16964

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION a copy of the order update message is also routed to data collector 1154 via **web server** 605. In addition, each time the **status** of the order is **updated** in workflow manager 622, a copy of the **status update** message is also **sent** to **data** collector 1154.  
When a configuration is sent as a request for a lead, a lead...

18/3,K/8 (Item 8 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01335433

On-line reporting related to orders for consumer products having specific configurations

On-Line-Berichterstattung in Zusammenhang mit Bestellungen von Konsumgütern mit spezifischen Konfigurationen

Rapport en ligne relatif aux commandes de biens de consommation ayant des configurations spécifiques

PATENT ASSIGNEE:

FORD MOTOR COMPANY, (476340), The American Road, Dearborn, MI 48121, (US)  
, (Applicant designated States: all)

INVENTOR:

Ahluwalia, Gurpreet, 2848, Winter Drive, Troy, Michigan 48063, (US)

LEGAL REPRESENTATIVE:

Messulam, Alec Moses (33832), A. Messulam & Co. Ltd., 43-45 High Road, Bushey Heath, Bushey, Herts WD23 1EE, (GB)

PATENT (CC, No, Kind, Date): EP 1139262 A2 011004 (Basic)  
EP 1139262 A3 020821

APPLICATION (CC, No, Date): EP 2001302901 010328;

PRIORITY (CC, No, Date): US 542413 000404; US 537190 000329

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 103

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200140	403
SPEC A	(English)	200140	16577
Total word count - document A			16980
Total word count - document B			0
Total word count - documents A + B			16980

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION a copy of the order update message is also routed to data collector 1154 via **web server** 605. In addition, each time the **status** of the order is **updated** in workflow manager 622, a copy of the **status update** message is also **sent** to **data** collector 1154.  
When a configuration is sent as a request for a lead, a lead...

18/3,K/9 (Item 9 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01313382

System, method, and apparatus for printing, and method and apparatus for assigning orders

System, Verfahren und Apparat zum Drucken und Verfahren und Apparat zum Zuteilen von Bestellungen

Système, méthode et appareil d'impression et méthode et appareil pour affecter les commandes

PATENT ASSIGNEE:

Fuji Photo Film Co., Ltd., (202402), 210 Nakanuma Minamiashigara-shi,  
Kanagawa-ken, (JP), (Applicant designated States: all)

INVENTOR:

Hara, Makoto, Fuji Photo Film Co.Ltd. 798 Miyanodai,Kaisei-Machi,  
Ashigarakami-gun, Kanagawa-ken, (JP)

LEGAL REPRESENTATIVE:

Klunker . Schmitt-Nilson . Hirsch (101001), Winzererstrasse 106, 80797  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1122665 A2 010808 (Basic)  
EP 1122665 A3 020109

APPLICATION (CC, No, Date): EP 2001102426 010202;

PRIORITY (CC, No, Date): JP 200027966 000204; JP 20017137 010116

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G06F-003/12; G06F-009/46;  
G03D-015/00

ABSTRACT WORD COUNT: 156

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200132	1059
SPEC A	(English)	200132	5094
Total word count - document A			6153
Total word count - document B			0
Total word count - documents A + B			6153

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION number of orders after reception of a processing  
completion notice from each of the laboratory servers . The load status  
can also be updated in real time by transferring information  
regarding the number of orders from each of the laboratory servers to the  
order assigning...

18/3,K/10 (Item 10 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01276324

Method and system for making wireless terminal profile information  
accessible to a network

Verfahren und System zum Erstellen der Profilinformation von schnurlosen  
Endgeräten welche einem Netzwerk zugänglich ist

Méthode et réseau pour établir un profil d'information d'un terminal sans  
fils accessible dans un réseau

PATENT ASSIGNEE:

Nokia Corporation, (2963881), Keilalahdentie 4, 02150 Espoo, (FI),  
(Applicant designated States: all)

INVENTOR:

Heinonen, Eeva-Liisa, Mantykatu 2 B 20, FIN-33200 Tampere, (FI)  
Itavaara, Jaakko, Oravatie 11, 02400 Kirkkonummi, (FI)  
Karves, Heidi, Laalahdenkatu 28 I, 33560 Tampere, (FI)  
Konstrom, Kai, Luninkaankatu 41 A 17, 33200 Tampere, (FI)  
Lehtinen, Kari, Pispalanvaltaie 41 A 10, 33250 Tampere, (FI)  
Mononen, Jari, Viserryskuia 10 A 3, 36110 Ruutanan, (FI)  
Nykanen, Petri, Tahmelankatu 7 A 3, FIN-33240 Tampere, (FI)  
Virtanen, Mikko, Pihlajate 46 A 17, 00270 Helsinki, (FI)

LEGAL REPRESENTATIVE:

Read, Matthew Charles et al (47911), Venner Shipley & Co. 20 Little  
Britain, London EC1A 7DH, (GB)

PATENT (CC, No, Kind, Date): EP 1098489 A2 010509 (Basic)  
EP 1098489 A3 020710  
APPLICATION (CC, No, Date): EP 2000309618 001031;  
PRIORITY (CC, No, Date): US 432963 991103  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: H04L-029/06; H04L-012/28; **G06F-017/60**  
ABSTRACT WORD COUNT: 109  
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200119	676
SPEC A	(English)	200119	5346
Total word count - document A			6022
Total word count - document B			0
Total word count - documents A + B			6022

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION terminal information, and operational mode name. The stored user data may be stored on the **network** . The profile **information** may be **sent** automatically to the **network** when the operational **mode** has **changed** . The **sent** profile **information** may be stored on the **network** .

The storing may be performed by a network application. The network application may be a...

...CLAIMS stored on the network.

4. The method according to any preceding claim wherein the profile **information** is **sent** automatically to the **network** if the operational **mode** has **changed** .
5. The method according to any preceding claim further comprising storing the **sent** profile **information** on the **network** .
6. The method according to claim 5 wherein the storing is performed by a network...

18/3,K/11 (Item 11 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01171686

**TERMINAL, CHARGING SYSTEM, AND DATA PROCESSING METHOD**

**TERMINAL, LADESYSTEM UND DATENVERARBEITUNGSVERFAHREN**

**TERMINAL, SYSTEME DE TAXATION ET PROCEDE DE TRAITEMENT DE DONNEES**

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,  
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

YODO, Fumitake Sony Corporation, 7-35, Kitashinagawa 6-chome Shinagawa-ku  
, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

Ayers, Martyn Lewis Stanley (42851), J.A. KEMP & CO. 14 South Square  
Gray's Inn, London WC1R 5LX, (GB)

PATENT (CC, No, Kind, Date): EP 1071031 A1 010124 (Basic)  
WO 0029996 000525

APPLICATION (CC, No, Date): EP 99972334 991117; WO 99JP6424 991117

PRIORITY (CC, No, Date): JP 98327019 981117

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200104	945
SPEC A	(English)	200104	15009
Total word count - document A			15954
Total word count - document B			0
Total word count - documents A + B			15954

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION stored in the second memory.

According to the present invention, there is also provided an **accounting** system including: a terminal device including a first memory for storing **accounting** point information, a second memory for storing information distributed from an external source, and a control section for updating the **accounting** point information stored in the first memory and updating attributes of the distributed information when the distributed information is stored in the second memory; and an **accounting** center including an **accounting** section for carrying out **accounting** processing in accordance with the **accounting** point information transmitted from the terminal device.

Brief Description of the Drawings

Fig. 1 is a schematic view showing the overview...

18/3,K/12 (Item 12 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01038417

Document transmit system and document transmitting method

System und Verfahren zur Übertragung von Dokumenten

Systeme et procede de transmission de document

PATENT ASSIGNEE:

Hitachi, Ltd., (204145), 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
101-8010, (JP), (applicant designated states:

AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Hirota, Junko, 571, Kasamacho, Sakae-ku, Yokohama-shi, (JP)

Takeuchi, Satoshi, 4499-16, Totsukacho, Totsuka-ku, Yokohama-shi, (JP)

Yamabe, Koichi, 7-1-1104, Takanecho-2-chome, Minami-ku, Yokohama-shi,  
(JP)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf & Partner (100941), Maximilianstrasse 54, 80538  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 921484 A2 990609 (Basic)

APPLICATION (CC, No, Date): EP 98122897 981202;

PRIORITY (CC, No, Date): JP 35224397 971205

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G07F-019/00

ABSTRACT WORD COUNT: 141

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9923	1679
SPEC A	(English)	9923	11608
Total word count - document A			13287
Total word count - document B			0
Total word count - documents A + B			13287

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...CLAIMS document acceptance server sets said acceptance day/time as

\* acceptance day/time of said document **data** .

9. A document **transmit** method as claimed in claims 1, 2, or 5 wherein:  
said document acceptance **server** **changes** a **state** (706) of said  
payment certificate into a "used" state thereof after confirming that  
the state...

18/3,K/13 (Item 13 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01030324

**MOBILE ELECTRONIC COMMERCE SYSTEM**

**MOBILES ELEKTRONISCHES HANDELSSYSTEM**

**SYSTEME DE COMMERCE ELECTRONIQUE MOBILE**

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD, (216884), 1006, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-0000, (JP), (Applicant designated States: all)

INVENTOR:

TAKAYAMA, Hisashi, 21-22, Matsubara 4-chome, Setagaya-ku, Tokyo 156-0043,  
(JP)

LEGAL REPRESENTATIVE:

Casalonga, Axel (14511), BUREAU D.A. CASALONGA - JOSSE Morassistrasse 8,  
80469 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 950968 A1 991020 (Basic)  
WO 9909502 990225

APPLICATION (CC, No, Date): EP 98937807 980813; WO 98JP3608 980813

PRIORITY (CC, No, Date): JP 97230564 970813

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 150

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9942	17239
SPEC A	(English)	9942	160346
Total word count - document A			177585
Total word count - document B			0
Total word count - documents A + B			177585

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION wallet stores, in the second storage means, the registered  
card certificate that is received and **changes** the **state** of the  
**electronic** telephone card to the usable state.

Since an **electronic** payment card must be registered before it can be  
used, if a sleeping electronic payment...

...registered ticket certificate that verifies the electronic ticket has  
been registered for use; and the **electronic** wallet stores, in the  
second storage means, the registered ticket certificate that is received,  
and **changes** the **state** of the **electronic** ticket to the usable state.

Since an electronic payment card must be registered before it...owner  
of the second electronic wallet; the digital signature of the owner of  
the second **electronic** wallet is provided for the ticket **transfer**  
offer message; the ticket **transfer** certificate message includes  
identification information for the public key certificate for the owner  
of the...Fig. 23A is a diagram illustrating the arrangement of an  
internal register in the gate **terminal** according to the embodiment of  
the present invention;

Fig. 23B is a diagram showing the...the present invention;

Fig. 125A is a specific diagram showing the data structure of an  
**electronic** ticket installation commission for the **electronic** ticket  
installation processing according to the embodiment of the present



invention;

Fig. 124B is a specific diagram showing the structure of **electronic** ticket installation data for the **electronic** ticket installation processing according to the embodiment of the present invention;

Fig. 126A is a...receiver loudspeaker; 303, a 120 x 160 pixel color liquid crystal display (LCD); 304, a **mode** switch for **changing** the operating **mode** of the mobile user **terminal** 100; 305, a speech switch for the digital wireless telephone; 306, an end switch for...switch for designating a the settlement process using credit.

The merchant terminal includes three operating **modes** : a digital telephone **mode** , a merchant **mode** and a merchant information management **mode** . These **modes** are **changed** by manipulating the **mode** switch 504. The merchant **terminal** 102 serves as a digital telephone in the digital telephone mode, and as a settlement...current operating mode, the merchant terminal 102 generates a call reception tone. Then, the operating **mode** is automatically **changed** to the telephone **mode** simply by the depression of the speech switch 605 and the operator (merchant) can answer...merchant terminals 102 and 103 access the data stored in the service system 110, the **network** hierarchial storage and management function **downloads** the **data** from the service system 110. The data **updating** process is a process whereby the mobile user terminal 100, the gate terminal 101, the...ticket to the examined state.

Upon receiving the ticket examination message 6702, the mobile user terminal changes the state of the electronic ticket to the examined state, and transmits a ticket examination response 6703, which is a message indicating the changed state of the electronic ticket, to the gate terminal via the infrared communication.

Upon receiving the ticket examination response 6703, the gate terminal examines...providing system initiates the ticket refund processing. When "refuse" is selected, the service providing system **changes** , to the disabled **state** , the **state** of the **electronic** ticket belonging to the pertinent user that is stored in the user information server 902... payment card registration process is canceled. When the user selects "register" (registration operation of an **electronic** payment card: 6504), the mobile user **terminal** **transmits** , to the service providing system, a payment card registration request 6505, which is a message...

...is a message requesting the performance of the data updating process.

The service providing system **transmits** , to the merchant **terminal** 102 or 103 or the automatic vending machine 104, a data **update** response 5703, which is a message dispatched in response to the receipt of the data...card name 1816, a credit card number 1817, an effective period 1818, a credit card **status** 1819, an image **data** address 1820, an object data address 1821, and an access time 1822.

The credit card...

18/3,K/14 (Item 14 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00999253

Data health monitor for financial information communication networks

Überwachung der Kohärenz von finanziellen Informationen auf einem Kommunikationsnetzwerk

Contrôle de coherence d'informations financières sur un réseau de communications

PATENT ASSIGNEE:

REUTERS LIMITED, (1237192), 85 Fleet Street, London, EC4P 4AJ, (GB),

(Applicant designated States: all)

INVENTOR:

Smith, Christina, 209 Turnpike Link,, Croydon, Surrey CRO 5NW, (GB)

Fletcher, Steve John H., The Laure's, Swilland, Ipswich, Suffolk, IP6 9LU, (GB)

Dale, Stephen G., Mary's Church Cottage, Church Road,, Stansted

Mountfichet, Essex CM24 8UB, (GB)

LEGAL REPRESENTATIVE:

Musker, David Charles et al (62142), R.G.C. Jenkins & Co. 26 Caxton

Street, London SW1H 0RJ, (GB)  
PATENT (CC, No, Kind, Date): EP 902570 A2 990317 (Basic)  
EP 902570 A3 000830  
APPLICATION (CC, No, Date): EP 98307183 980907;  
PRIORITY (CC, No, Date): US 925586 970908  
DESIGNATED STATES: BE; CH; DE; DK; FR; GB; LI; LU; NL; SE  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: H04L-012/18; **G06F-017/60** ; H04L-029/06;  
H04H-001/02  
ABSTRACT WORD COUNT: 221  
NOTE:

Figure number on first page: 0

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9911	1927
SPEC A	(English)	9911	6300
Total word count - document A			8227
Total word count - document B			0
Total word count - documents A + B			8227

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION data with non-matching DSO(underscore)ID fields is unaffected by the receipt of the **status** code **update** .

The client site **terminal** 130 performs its second monitoring function of monitoring of the **transmission** of financial **data** from the DCSs to the client site **terminal** as follows. According to one embodiment of the present invention in which system status monitoring...

...CLAIMS of said data source, said data source status code including the data source identifier, said **status** code generator automatically **updating** said data source **status** code in response to **changes** in the operating **status** of said **data** source and automatically **transmitting** said **updated** **data** source **status** code; and  
a client site **terminal** for receiving and processing said formatted real-time financial data, said data source status code...

...identifier matching that of said formatted real-time financial data in accordance with the operating **status** indicated in the received **updated** data source **status** code.

4. A data health monitor for detecting and identifying non-current financial **data** **transmitted** via a communications **network** ,  
comprising:  
a processor for receiving real-time financial data from a data source, formatting said...

...of said data source, said data source status code including the data source identifier, said **status** code generator automatically **updating** said data source **status** code in response to **changes** in the operating **status** of said **data** source and automatically **transmitting** said **updated** **data** source **status** code; and  
a client site **terminal** for receiving and processing said formatted real-time financial data, said data source status code...

...identifier matching that of said formatted real-time financial data in accordance with the operating **status** indicated in the received **updated** data source **status** code.

7. A data health monitor for detecting and identifying non-current financial **data** **transmitted** via a communications **network** ,  
comprising:  
a processor for receiving real-time financial data from a data source, formatting said...

...of said data source, said data source status code including the data source identifier, said **status** code generator automatically **updating** said data source **status** code in response to **changes** in

\* the operating **status** of said **data** source and automatically  
**transmitting** said **updated data** source **status** code; and  
a client site **terminal** for receiving and processing said formatted  
real-time financial data, said data source status code...

...identifier matching that of said formatted real-time financial data in  
accordance with the operating **status** indicated in the received  
**updated data** source **status** code.

10. A data health monitor for detecting and identifying non-current  
financial **data** **transmitted** via a communications **network** ,  
comprising:

a processor for receiving real-time financial data from a data source,  
formatting said...

18/3,K/15 (Item 15 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00957813

PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT  
APPARATUS

PERSONLICHES ELEKTRONISCHES REGELUNGSSYSTEM, TERMINAL UND MANAGEMENTAPPARAT  
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET  
APPAREIL PERMETTANT DE GERER CE SYSTEME

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza Kadoma,  
Kadoma-shi, Osaka-fu, 571, (JP), (applicant designated states:  
DE;FR;GB)

INVENTOR:

TAKAYAMA, Hisashi, 21-22, Matsubara 4-chome, Setagaya-ku, Tokyo 156, (JP)

LEGAL REPRESENTATIVE:

Casalonga, Axel et al (14511), BUREAU D.A. CASALONGA - JOSSE  
Morassistrasse 8, 80469 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 910028 A1 990421 (Basic)  
WO 9821677 980522

APPLICATION (CC, No, Date): EP 97912468 971114; WO 97JP4161 971114

PRIORITY (CC, No, Date): JP 96316897 961114; JP 97117681 970422

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 119

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9916	12261
SPEC A	(English)	9916	116678
Total word count - document A			128939
Total word count - document B			0
Total word count - documents A + B			128939

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION encryption and decryption function. The encryption  
processor 1505 employs an encryption method determined by the CPU 1500  
and the keys to encrypt or decrypt data set by the CPU 1500.

The data codec 1506 encodes **data** to be **transmitted** or decodes  
received **data** under the control of the CPU 1500. In this case, the  
encoding is a process for generating data to be transmitted...

18/3,K/16 (Item 16 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00811050

A three-dimensional virtual reality space sharing method and system  
Verfahren zur gemeinsamen Nutzung eines dreidimensionalen Raumes in

**virtueller Realität und System dafür**  
**Methode et systeme de partage d'un espace a trois dimensions a realite virtuelle**

**PATENT ASSIGNEE:**

SONY CORPORATION, (214022), 7-35, Kitashinagawa 6-chome Shinagawa-ku,  
Tokyo, (JP), (Proprietor designated states: all)

**INVENTOR:**

Rekimoto, Junichi, c/o Sony Corp., 7-35, Kitashinagawa 6-chome,  
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**LEGAL REPRESENTATIVE:**

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**PATENT (CC, No, Kind, Date):** EP 753836 A2 970115 (Basic)  
EP 753836 A3 970129  
EP 753836 B1 020327

**APPLICATION (CC, No, Date):** EP 96111307 960712;

**PRIORITY (CC, No, Date):** JP 95175853 950712

**DESIGNATED STATES:** BE; DE; FR; GB; IT

**INTERNATIONAL PATENT CLASS:** G06T-015/00; **G06F-017/60**

**ABSTRACT WORD COUNT:** 131

**NOTE:**

Figure number on first page: 25

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	4976
CLAIMS B	(English)	200213	2751
CLAIMS B	(German)	200213	2735
CLAIMS B	(French)	200213	2923
SPEC A	(English)	EPAB97	22404
SPEC B	(English)	200213	21282
Total word count - document A			27384
Total word count - document B			29691
Total word count - documents A + B			57075

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...ABSTRACT 15), a three-dimensional virtual reality space composed of only basic objects of which basic **states** do not **change** and the IP address of a shared **server terminal** (11) are **sent** from an **information server** and a mapping **server** to the transmitting client terminal. When the client terminal accesses the shared server (11) based...

...SPECIFICATION dimensional virtual reality sharing method, the system, the information recording, the information recording method, the **information transmission** medium, and the **information transmission** method, if the **state** of an **update** object is **updated** by a client **terminal**, the update data about the update done are sent from the shared server terminal to...

...information processing method, the server terminal, the information recording medium, the information recording method, the **information transmission** medium, and the **information transmission** method, if the shared **server terminal** receives update data about the **update** of the **state** of **update** object from a client **terminal**, the shared **server terminal** sends the received update data to the other client terminals.

The above and other...three-dimensional virtual reality sharing system, the information recording medium, the information recording method, the **information transmission** medium, and the **information transmission** method, if the **state** of an **update** object is **updated** by a client **terminal**, the update data about the update done are sent from the shared server terminal to...

...information processing method, the server terminal, the information recording medium, the information recording method, the **information transmission** medium, and the **information transmission** method, if the shared **server terminal** receives update data about the **update** of the

state of update object from a client terminal , the shared server terminal sends the received update data to the other client terminals. Consequently, the novel setup...

...SPECIFICATION three-dimensional virtual reality sharing system, the information recording medium, the information recording method, the information transmission medium, and the information transmission method, if the state of an update object is updated by a client terminal , the update data about the update done are sent from the shared server terminal to...

...information processing method, the server terminal, the information recording medium, the information recording method, the information transmission medium, and the information transmission method, if the shared server terminal receives update data about the update of the state of update object from a client terminal , the shared server terminal sends the received update data to the other client terminals. Consequently, the novel setup...

18/3,K/17 (Item 17 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00811045

A three-dimensional virtual reality space sharing method and system  
Verfahren zum anteiligen Nutzen eines dreidimensionalen Raumes in virtuelle  
Realitat und System dafur  
Methode et systeme de partage d'un espace a trois dimensions a realite  
virtuelle

PATENT ASSIGNEE:

SONY CORPORATION, (214022), 7-35, Kitashinagawa 6-chome Shinagawa-ku,  
Tokyo, (JP), (applicant designated states: BE;DE;FR;GB;IT)

INVENTOR:

Honda, Yasuaki, c/o Sony Corp., 7-35, Kitashinagawa 6-chome,  
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LEGAL REPRESENTATIVE:

Melzer, Wolfgang, Dipl.-Ing. et al (8277), Patentanwalte Mitscherlich &  
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PATENT (CC, No, Kind, Date): EP 753835 A2 970115 (Basic)  
EP 753835 A3 970122

APPLICATION (CC, No, Date): EP 96111298 960712;

PRIORITY (CC, No, Date): JP 95175854 950712

DESIGNATED STATES: BE; DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06T-015/00; G06F-017/60

ABSTRACT WORD COUNT: 143

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	3919
SPEC A	(English)	EPAB97	21679
Total word count - document A			25598
Total word count - document B			0
Total word count - documents A + B			25598

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION sub objects each of which state is subject to change are connected to a shared server terminal for controlling a state of the update object on each of the plurality of client terminals via a communication network , the information transmission method transmitting a computer program comprising the processing steps of: registering in each of the plurality of...sub objects each of which state is subject to change are connected to a shared server terminal for controlling a state of the update object on each of the plurality of client terminals via a communication network , the information transmission method transmitting a computer program comprising the

the **update** object on each of the plurality of client **terminals** via a communication **network** (15), the **information transmission** method **transmitting** a computer program comprising the processing steps of:  
 registering in each of the plurality of which state is subject to change are connected to a shared server **terminal** (11-1, 11-2) for controlling a **state** of the **update** object on each of the plurality of client **terminals** via a communication **network** (15), the **information transmission** medium **transmitting** a computer program comprising the processing steps of:  
 determining **update** of the **state** of the **update** object controlled by the shared **server terminal** ; and  
 when the state of the update object is updated, notifying each of the plurality...

...sub objects each of which state is subject to change are connected to a shared **server terminal** for controlling a **state** of the **update** object on each of the plurality of client **terminals** via a communication **network** (15), the **information transmission** method **transmitting** a computer program comprising the processing steps of:  
 determining **update** of the **state** of the **update** object controlled by the shared **server terminal** ; and  
 when the state of the update object is updated, notifying each of the plurality...

18/3,K/18 (Item 18 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
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00573598

Computer aided maintenance and repair information system for equipment subject to regulatory compliance  
 Rechner-gestutztes Wartungs- und Reparatur-Informationssystem fur von vorgeschriebenen Wartungsregeln abhangigen Apparaturen  
 Systeme informatique d'entretien et de reparation assiste par ordinateur pour equipement soumis a une conformation reglementaire

PATENT ASSIGNEE:

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INVENTOR:

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Ertl, Nicholas Justin et al (81413), Elkington and Fife, Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR, (GB)

PATENT (CC, No, Kind, Date): EP 573171 A2 931208 (Basic)

EP 573171 A3 940302

EP 573171 B1 010418

APPLICATION (CC, No, Date): EP 93303825 930518;

PRIORITY (CC, No, Date): US 885262 920518

DESIGNATED STATES: DE; FR; GB; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 36

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	198
CLAIMS B	(English)	200116	333
CLAIMS B	(German)	200116	375
CLAIMS B	(French)	200116	447
SPEC A	(English)	EPABF1	34320
SPEC B	(English)	200116	34482
Total word count - document A			34522

• Total word count - document B 35637  
Total word count - documents A + B 70159

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION is presented with the profile utilities dialog box which presents three choices: Create/Modify Profile; **Electronic** Logbook **transfer** ; and, preferably, **Data** Exchange.

Contemplated **Modification** :

This **feature** can also help the user record and/or print other information

...SPECIFICATION is presented with the profile utilities dialog box which presents three choices: Create/Modify Profile; **Electronic** Logbook **transfer** ; and, preferably, **Data** Exchange.

Contemplated **Modification** :

This **feature** can also help the user record and/or print other information related to a particular...

18/3,K/19 (Item 19 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00541216

**Apparatus and system for providing information required for meeting with desired person while travelling**

**Vorrichtung und Verfahren zur Ausgabe von Informationen bezüglich des Zusammentreffens von erwünschten Personen auf Reisen**

**Appareil et procede destines a fournir des informations requises pour rencontrer une personne souhaitee en cours de voyage**

PATENT ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA, (208581), 2-3, Marunouchi 2-chome  
Chiyoda-ku, Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Senda, Kimihiro, c/o Mitsubishi Denki K.K., Kumamoto Seisakusho, 997  
Miyoshi, Nishigoshi-machi, Kikuchi-gun, Kumamoto-ken, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick  
Court High Holborn, London WC1R 5DJ, (GB)

PATENT (CC, No, Kind, Date): EP 519716 A2 921223 (Basic)  
EP 519716 A3 930818  
EP 519716 B1 980826

APPLICATION (CC, No, Date): EP 92305573 920617;

PRIORITY (CC, No, Date): JP 91171931 910618

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 130

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9835	532
CLAIMS B	(German)	9835	509
CLAIMS B	(French)	9835	627
SPEC B	(English)	9835	6369

Total word count - document A 0

Total word count - document B 8037

Total word count - documents A + B 8037

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION updated in some case) by a large number of users or subscribers. A subscriber inputs/ **updates** self- **attribute** data and expected **attribute** data through input/output **terminal** 1 shown in Fig. 1. The input attribute **data** is **transferred** through communication **network** 2 to host computer 3.

In a step 102, data input processor 31 processes the...

18/3,K/20 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00935047 \*\*Image available\*\*

SYSTEMS AND METHODS FOR DISTRIBUTING TARGETED MULTIMEDIA CONTENT AND  
ADVERTISING  
SYSTEMES ET PROCEDES DE DISTRIBUTION DE CONTENU ET DE PUBLICITE MULTIMEDIA  
CIBLES

Patent Applicant/Inventor:

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Legal Representative:

RANDALL David A (agent), Lyon & Lyon LLP, Suite 4700, 633 W. Fifth

Street, Los Angeles, CA 90071, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200269225 A1 20020906 (WO 0269225)

Application: WO 2002US5289 20020221 (PCT/WO US0205289)

Priority Application: US 2001793939 20010226

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12106

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... in the area of the user to be associated with the content as it is  
downloaded . The position information may be stored by content server  
102, or it may be checked by content server 102 prior to each download,  
or...the user typically must provide billing information. In one  
embodiment, the user can input charge account information through keys  
on the user's terminal. The charge account information may be a credit  
card number, a debit card number, or some other financial account  
information, and may include residence information for billing purposes.  
Alternatively, the charge account information may be stored in the  
user's personal profile. It should be noted that sending account  
information over the Internet or over wireless communication links can  
lead to concerns over security...

...verification and/or security services can be used to improve the  
security related to the account information. In addition, public key  
cryptography can be used to ensure that the transaction is...

...http://www.rsa.com. An alternatively method to ensure secure  
transactions involving the user's account information is for the  
operator of content delivery system 100 to track purchases by the...

18/3,K/21 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00933152 \*\*Image available\*\*

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES



• SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)

Application: WO 2001US51437 20011019 (PCT/WO US0151437)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 243912

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... agreement with the authorizing  
agent, such as an insurance company. As an enhancement,  
various individualized **features** may also provide **data**  
indigenous to a particular country, such as **electronic** access  
to the Schwackliste book for an adjuster to conveniently view  
a "class" for a...

...of this invention  
have determined that a 24/7 or full time connection to the  
**Internet** 24 is preferable, except for scheduled downtimes for  
maintenance, etc. The service provider 30 which...

...the first parent's preferred embodiment is  
preferably a vehicle rental organization, has itself an  
**Internet** portal mainframe 32 connected by a bi-directional  
communication link 34 to a second computer' **network** 36 which  
may itself preferably have a mainframe server 38. This second  
computer system 36...Special Rate may be added/deleted, e.g.: daily rate  
or package rate. Do not **update** that **information** for this exercise.

**Change** the Daily Rate to \$32.99 per day, mileage will stay the same.

Damage Waiver...Left Message), DO (Make Call), OK (Call Made).

). Notes - Key Service Shop notes. Notes will **forward** to Service Shop Detail Screen.

OTEs. You must still go into each detail screen and **update** the callback **status** (LM/DO/OK) for each istorner, even after keying notes.

L to move cursor to...ARMS- proprietary EDI formats, over z ilup communication line, to IBM ARMS-connected Value-Added **Network electronic** ftmunication **network** mailbox. This mailbox contains one or more **transmissions** :ended to be received by ARMS, sent from the ARMS Trading Partner Company's Surance...and its record rmat's data field's contents against centralized ARMS Rental Transaction Crossference **Status** and its associated database file fields to ensure that this ansaction should be allowed to...246 8/11/00 ARMS Process Report !ord formats to the output f ile nor **send** its **data** queue entry to the output data,ue.

The ARMS system will now enable electronic invoices...Transaction file (AMAPP) records.

IF any COMD01-or SURD01 record formats were found, execute the **Update** ectronic Messages program (ECMSGVI) with 3 input parameters, the APPD01 record rmat Is Reservation ID...

18/3,K/22 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00908949 \*\*Image available\*\*

PACKAGE TRACKING ON THE INTERNET WITH E-MAIL NOTIFICATION

SUIVI DE COLIS SUR INTERNET AVEC NOTIFICATION PAR COURRIER ELECTRONIQUE

Patent Applicant/Assignee:

PITNEY BOWES INC, 1 Elmcroft Road, Stamford, CT 06926, US, US (Residence)  
, US (Nationality)

Inventor(s):

KARBOWSKI Kenneth, 3 Roma Drive, Farmington, CT 06032, US,  
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NJO Angela, 36 Twin Brook Drive, Shelton, CT 06484, US,

Legal Representative:

MEYER Robert E (agent), Pitney Bowes Inc., 35 Waterview Drive, Shelton,  
CT 06484, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200242979 A1 20020530 (WO 0242979)  
Application: WO 2001US43569 20011121 (PCT/WO US0143569)  
Priority Application: US 2000718712 20001122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3909

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

## Claims

### Detailed Description

... house component 120 and at step 375, gathers information from the original sender's

9

website via Internet 130. At step 380, the information is sent to database 20 and combined with the tracking status update information. At step 385, an e-mail message, including the combined information, is sent based upon the information stored at database 20. The system then proceeds to step 370 where database 20 is...

### Claim

... request

including said set of package data;

c) updating at said data center package tracking status from said carrier

website ;

d) updating said data center with the package tracking status;

e) gathering at said data center information from a sender web page;

f) combining said sender web page information with said updated data center information; and

g) sending a message to said...

18/3,K/23 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00901316 \*\*Image available\*\*

### ELECTRONIC INTERNATIONAL TRADING

### ECHANGES ELECTRONIQUES INTERNATIONAUX

Patent Applicant/Assignee:

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Level 2, 333-339, George Street, Sydney, NSW 2000, AU, AU (Residence),  
AU (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

FEIL Martin Keith, 19 Boomerang Street, Turramurra, NSW 2074, AU, AU  
(Residence), AU (Nationality), (Designated only for: US)

OWEN Ronald James Haig, 33 Lesley Avenue, Carlingford, NSW 2118, AU, AU  
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INGERSOLE Kevin John, 2 Surf Rider Avenue, North Avoca, NSW 2260, AU, AU  
(Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

COWLE Anthony John (et al) (agent), DAVIES COLLISON CAVE, Level 10, 10  
Barrack Street, Sydney, NSW 2000, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200235382 A1 20020502 (WO 0235382)

Application: WO 2001AU614 20010524 (PCT/WO AU0100614)

Priority Application: AU 20001053 20001027

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 22574

International Patent Class: G06F-017/60

Fulltext Availability:  
Claims

Claim

... part of the inter-linked databases 3, or distinct therefrom.  
Alternatively or additionally, the processed **data** 10 may be  
**transmitted** to a computer **network** 13 and relayed to a second **terminal**  
12 to be further utilised. For example, the second terminal 1,2 may be a  
...

...of a company dealing in  
imported/exported goods. It should be noted that the source **information**  
8 may be **transmitted** to the second **terminal** 12 or the data interface  
software 14 in a similar way to the processed data...accommodated within  
this function, Imports can generate duty/tax payments direct  
I  
from the clients **account** by EFT and/or initiate cheque issuance and/or  
**accounting** records from in-house **accounting** systems. This module will  
allow users, for example company employees, with little or no technical  
...

18/3,K/24 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00900309

**PACKAGE DELIVERY SYSTEMS AND METHODS**

**SYSTEMES ET PROCEDES DE LIVRAISON DE COLIS**

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Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

CAHILL Steven J (et al) (agent), Townsend and Townsend and Crew LLP, Two  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200233617 A1 20020425 (WO 0233617)

Application: WO 2001US15948 20010515 (PCT/WO US0115948)

Priority Application: US 2000204224 20000515; US 2001855568 20010514

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EC EE EE (utility model) ES FI FI (utility model)  
GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility  
model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11823

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... carrier then takes the package to the depot's customer service  
counter.

The carrier may **electronically transmit updated package status**  
**information** to depot **server** 151 indicating that that the package has  
arrived at the depot at step 301. A...

18/3,K/25 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00893517 \*\*Image available\*\*

**A GAMBLING APPARATUS AND METHOD OF MONITORING A GAMBLING EVENT  
APPAREIL DE JEU DE HASARD ET PROCEDE DE CONTROLE DESTINE A UN JEU DE HASARD**

Patent Applicant/Assignee:

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for: SD)

Patent Applicant/Inventor:

BURSILL Donald William, Les Quatre Vents, Village Du Putron, Saint Peter  
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Legal Representative:

FORRESTER KETLEY & CO (agent), Forrester House, 52 Bounds Green Road,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200227675 A1 20020404 (WO 0227675)

Application: WO 2001GB4277 20010925 (PCT/WO GB0104277)

Priority Application: GB 200023678 20000927

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6996

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... roulette wheel of the roulette game I is set spinning and the  
information regarding the **change** in **status** of the game is entered by  
the pit staff in the pit **terminal** 4. This **information** is **transmitted**  
to the server 8 via the third communication line 7, in response to which  
the...

18/3,K/26 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00886076

**METHOD OF CONDUCTING PERSONNEL ADMINISTRATION OVER A NETWORK  
PROCEDE DE GESTION DU PERSONNEL SUR RESEAU**

Patent Applicant/Assignee:

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, US (Residence), US (Nationality)

Inventor(s):

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WALLACE Rainy M, 319 Millside Drive, Gahanna, OH 43220, US,

Legal Representative:

GOLDSTEIN Steven J (et al) (agent), Frost Brown Todd LLC, 2200 PNC  
Center, 201 East Fifth Street, Cincinnati, OH 45202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200219219 A2 20020307 (WO 0219219)

Application: WO 2001US27072 20010831 (PCT/WO US0127072)

Priority Application: US 2000653551 20000831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4529

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... a variety of  
methods such as browser banners, electronic mail messages including  
appointments and reminders, **network** log-on scripts, or any other **data**  
**transfer**  
to a **node** of the **network** system. The notice could be communicated as  
an  
**updated status** on any of these means. The term "notice" is defined as  
not only transmitting information...

18/3,K/27 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00870047 \*\*Image available\*\*

**SYSTEM AND METHOD FOR WEB-BASED ELECTRONIC BUYING SYSTEM**

**SYSTEME ET PROCEDE D'ACHAT ELECTRONIQUE FONCTIONNANT AVEC LE WEB**

Patent Applicant/Assignee:

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, US (Residence), US (Nationality)

Inventor(s):

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Legal Representative:

TABACHNICK Gene A (et al) (agent), Reed Smith LLP, P.O. Box 488,  
Pittsburgh, PA 15230-0488, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200203165 A2-A3 20020110 (WO 0203165)

Application: WO 2001US20653 20010628 (PCT/WO US0120653)

Priority Application: US 2000608924 20000703; US 2000677349 20001002

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21281

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... and/or promise dates). This integrator request is preferably  
accompanied with the customer's supplier **account** : number so that the  
supplier host computer will be able to look up the correct pricing  
algorithm or table for this customer. Once the price is calculated, this

pricing information is preferably sent back to the integrator site (via the web server WSA by XML, EDI, OBI, etc.) where the customer can now view the pricing information...

18/3,K/28 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00869511 \*\*Image available\*\*

APPARATUS AND METHODS FOR A CLIENT SERVER SYSTEM  
APPAREIL ET PROCEDES DESTINES A UN SYSTEME CLIENT/SERVEUR

Patent Applicant/Assignee:

NOKIA MOBILE PHONES LIMITED, Keilalahdentie 4, FIN-02150 Espoo, FI, FI  
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Legal Representative:

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Avenue, Farnborough, Hampshire GU14 0NG, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200203652 A2-A3 20020110 (WO 0203652)  
Application: WO 2001EP7122 20010622 (PCT/WO EP0107122)  
Priority Application: GB 200016256 20000630

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4141

...International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... WWW) addressing using

URLs where the phone is WAP or NODE enabled. Access to the server is non standard in that the download of adaptation data is monitored and accounted. This may occur at the server or in the network. For example, at the server an account register records for each adaptation downloaded and provides for the accounting of the remuneration to the content provider. Alternatively, the operator may charge for access to...

...level of downloads of new-in game data that

the mobile phone manufacturer, using the accounting means, computes the payment to be made to the content provider. Such payment could take...

...21 having a

memory containing adaptation data (L1, L2, L3). Figure 3 also shows an account register 50 which may be part of the operator server 42 or the mobile 1...

...may take in order to apply to subscribe to the correct tariff for obtaining adaptation data downloads.

Returning to the case where the network operator accepts the user and engages the manufacturer's server for the download, the request...

...the controller and placed in a buffer prior to transmission. Following appropriate checks the adaptation **data** software is **transmitted** according to block 150 to the operator **server** 42. The operator server receives the adaptation data and verifies that it is the game version that has been requested. Following verification the operator **server** **downloads** the adaptation **data** software to the requesting user's mobile phone as indicated at block 160. On receipt...as at block 180. Such confirmation of receipt and acceptance is passed to an **accounting** system 50 which registers this acceptance, and then performs computations to determine the charge to...

...measure. The operator in turn reimburses the mobile phone manufacturer. For example, the operator server **accounting** system may send a signal to the manufacturer's **server** that a **download** of adaptation **data** has been successfully executed. This signal is then registered in some form of counting means...

...the server is performing. The counting means could be linked at the server to an **accounting** system that on the basis of the level of successful downloads from the server computes...

...addition to the existing level. The user accepting the new level also accumulates on the **accounting** system of the operator. Furthermore, each feature disclosed in this specification (which terms includes the...

...adaptation data for adapting the original content stored on a mobile phone, making said adaptation **data** available for **downloading** onto the mobile phone from the **server**, monitoring the **downloading** of the adaptation **data** from the **server** and computing a payment to be made to the content provider, whereby the content provider...

18/3,K/29 (Item 10 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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00868228

**USER SERVICES AND INFORMATION MANAGEMENT SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE DE GESTION DES SERVICES ET INFORMATION A DES**  
**UTILISATEURS**

Patent Applicant/Assignee:

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 US, US (Residence), US (Nationality)

Inventor(s):

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 PREMAN Anthony Lawrence, 5305 N. Lovers Lane, #205, Milwaukee, WI 53225,  
 US,

Legal Representative:

CHAN Alistair K (agent), Foley & Lardner, 777 East Wisconsin Avenue, 33rd  
 Floor, Milwaukee, WI 53202-5367, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200201458 A2 20020103 (WO 0201458)  
 Application: WO 2001US19931 20010622 (PCT/WO US0119931)  
 Priority Application: US 2000213462 20000623

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
 DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
 LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM



Publication Language: English  
Filing Language: English  
Fulltext Word Count: 19630

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Claims

Claim

... ship.  
[00421 FIG. 22 is a block diagram showing an exemplary embodiment of a ship **account** inquiry system for a cruise ship.  
[00431 FIG. 23 is a block diagram showing another exemplary embodiment of a ship **account** inquiry system interface for a cruise ship.  
[00441 FIG. 24 is a block diagram showing...will be linked to the enterprise conducting the activity or to the restaurant by a **network** so that all relevant **information** may be **transmitted** ; according to alternative embodiments, the subsystem will transmit the relevant information in some form for...  
...any preferred embodiment, the user will be able to make a 'self-service' reservation, using **account** information (as. through an access device). Upon choosing an activity/dining and time, the system...what activities to attend, etc. while in this off-site destination (e.g. port).  
[00951 **Account** Inquiry System: The **Account** Inquiry subsystem is intended to allow a user to access and view charges, credits and other transactions and information pertaining to the user's **account** at the site. According to a particularly preferred embodiment (FIG. 22-23), the site is...  
...the user is provided the opportunity to make an inquiry related to the user's **account** . The subsystem may be configured to be accessible to a user at any time, onsite...

18/3,K/30 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00866248

SYSTEM AND METHOD FOR SEARCHING, FINDING AND CONTACTING DATES ON THE INTERNET IN INSTANT MESSAGING NETWORKS  
SYSTEME ET PROCEDE PERMETTANT DE CHERCHER, DE TROUVER ET DE CONTACTER DES PERSONNES SUR INTERNET SUR DES RESEAUX DE MESSAGERIE INSTANTANEE ET/OU AUTRES PROCEDES PERMETTANT DE TROUVER ET DE CREER UN CONTACT IMMEDIAT

Patent Applicant/Inventor:

Mayer Yaron, 21 Ahad Haam St., 92151 Jerusalem, IL, IL (Residence), IL  
(Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200198856 A2-A3 20011227 (WO 0198856)

Application: WO 20011572 20010624 (PCT/WO IL0100572)

Priority Application: IL 136945 20000622; US 2000214003 20000626

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 19400

International Patent Class: G06F-017/60 ...  
Fulltext Availability:  
Claims

Claim

... the  
non-reciprocal search options, his/her own self description data is also  
talcen into **account** at least partially. 25.The systems of any of claims  
1-8,17-24 wherein...RULE 26)  
the preference of the person being matched against, the system can take  
into **account** also the size of the gap/distance. 40.The system of any of  
clainis 1...  
  
...and  
the preference of the person being matched against, the system can tal<Ce  
into **account** also the direction of the gap/distance.  
41.The system of any of claims 1-8,17-40 wherein matching by area takes  
into **account** in addition to the selPareas and desired areas marked by  
the users, also the difference...  
  
...system of any of clainis 1-8,17-41 wherein matching by area takes  
into **account** in addition to the selPareas and desired areas marked by  
the users, also the similarity...  
...system of any of claims 1-8,17-42 wherein matching by area takes  
into **account** at least the distance in absolute Geographical  
coordinates. 44.The system of claim 43 wherein...  
  
...users can be notified  
automatically as soon as someone new fitting a certain criterion has  
**sent** his/her **data** to the system and is currently **Online** . 47.The  
system of any of claims 45-46 wherein the notification is at least...any  
of claims 60-64 wherein the info from marking the  
pictures is taken into **account** while calculating the appearance  
compatibility score together with the info from textual questions on  
appearance...  
  
...claims 60-65 wherein the info from the textual  
questions on appearance is taken into **account** while asking the user to  
mark his/her own appearance and the appearance of the...

18/3,K/31 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00864401

**METHOD AND SYSTEM FOR CONTROLLING WARRANTY-RELATED DATA AND SERVICES**  
**PROCEDE ET SYSTEME SERVANT A CONTROLER DES SERVICES ET DES DONNEES**  
**CONCERNANT DES GARANTIES**

Patent Applicant/Assignee:

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Legal Representative:

CONNER Larry W (et al) (agent), Calfee, Halter & Griswold LLP, 1400  
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US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200197139 A2 20011220 (WO 0197139)  
Application: WO 2001US18956 20010612 (PCT/WO US0118956)  
Priority Application: US 2000211235 20000612

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7982

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... a data input/output component for receiving data containing  
warranty-related information over a coinputer **network** , **transferring**  
**data** within the system, and, transmitting data over a computer **network**  
;  
a database for storing data within the system;  
20  
vendor, a purchaser, and a warranty...  
...the product, the vendor, the purchaser, and the  
warranty plan;  
logic for generating a vendor **account** document and a purchaser **account**  
document; logic for transmitting an electronic message to the purchase  
upon receipt of data containing...  
...report to reflect the data regarding the repair;  
logic for generating a parcel delivery service **account** document and a  
repair center **account**  
document; and  
logic for displaying the vendor **account** document to the vendor, the  
purchaser **account** document to the purchaser, the parcel delivery  
service **account** document to the parcel delivery service, and the repair  
center **account** to the repair center, all over a computer network.  
21

18/3,K/32 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00861540 \*\*Image available\*\*

METHOD AND APPARATUS FOR PROCESSING AN ONLINE TRANSACTION OVER A  
COMMUNICATION NETWORK

PROCEDE ET DISPOSITIF POUR TRAITER UNE TRANSACTION EN LIGNE PAR  
L'INTERMEDIAIRE D'UN RESEAU DE COMMUNICATION

Patent Applicant/Assignee:

INTERSHOP SOFTWARE ENTWICKLUNGS GMBH, Intershop Tower, 07740 Jena, DE, DE  
(Residence), DE (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), DE (Nationality), (Designated only for: US)

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(Nationality), (Designated only for: US)

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MULLER Ulrike, Rathausgasse 2, 07743 Jena, DE, DE (Residence), DE

(Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200195172 A2-A3 20011213 (WO 0195172)

Application: WO 2001EP6589 20010611 (PCT/WO EP0106589)

Priority Application: EP 2000112410 20000609

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 4041

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... transaction. This slows down the execution speed and increases the processing load of the transaction **server**.  
Another problem is that the object **information** or object **attributes transmitted** to the client maybe **updated** frequently, for example a product price which depends on volatile market conditions. In these cases ...

18/3,K/33 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00850766 \*\*Image available\*\*

**METHOD AND APPARATUS FOR CONDUCTING A BIDDING SESSION**  
**PROCEDE ET DISPOSITIF PERMETTANT DE CONDUIRE UNE SESSION D'ENCHERES**

Patent Applicant/Assignee:

McKINSEY & COMPANY INC, 55 East 52nd Street, New York, NY 10022, US, US  
(Residence), US (Nationality)

Inventor(s):

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Mugyo-dong, Jung-gu 100-768, KR,

Legal Representative:

WHITE Grady L (agent), Covington & Burling, 1201 Pennsylvania Avenue, NW,  
Washington, DC 20044-2401, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200184448 A1 20011108 (WO 0184448)  
Application: WO 2001US14303 20010503 (PCT/WO US0114303)  
Priority Application: US 2000201742 20000504

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 13842

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... the web browser on the user's terminal to send a - 2 request to the **server** that causes the **server** to **send . updated status information** back to the user's **web** browser. In an attempt to keep "up-to-date" on the bidding, the user must...

18/3,K/34 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00832718 \*\*Image available\*\*

**GLOBAL DOCUMENT CREATION SYSTEM INCLUDING ADMINISTRATIVE SERVER COMPUTER  
SYSTEME GLOBAL DE CREATION DE DOCUMENTS COMPORTANT UN SERVEUR ADMINISTRATIF**

Patent Applicant/Assignee:

DICTAPHONE CORPORATION, 3191 Broadbridge Avenue, Stratford, CT 00614-2559  
, US, US (Residence), US (Nationality)

Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200165333 A2-A3 20010907 (WO 0165333)

Application: WO 2001US5402 20010221 (PCT/WO US0105402)

Priority Application: US 2000515902 20000229

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4669

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... by reassigning the available transcription resources in real time.

This is possible 4 because dictation **servers** 16 either **transmit**  
**updated** job **status** **information** to the administrative **server** 12 at  
regular intervals, and/or provide **updated** **status** information whenever  
the **status** of the job backlog at the dictation **server** 16 changes  
substantially. The administrative server 12 can also react to an event  
which decreases...

**18/3,K/35 (Item 16 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00831854 \*\*Image available\*\*

**SYSTEM AND METHOD FOR SHIPPING, ACCOUNTING, AND TRACKING COMMON CARRIER  
SHIPMENTS**

**SYSTEME ET PROCEDE PERMETTANT L'EXPEDITION, LA COMPTABILISATION ET LE SUIVI  
DE CHARGEMENTS DE TRANSPORTEURS COMMUNS**

Patent Applicant/Assignee:

NEOPOST INC, 30955 Huntwood Avenue, Hayward, CA 94544, US, US (Residence)  
, US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

BRIGGS Robert W, 308 Shadowfalls Circle, Martinez, CA 94553, US, US  
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ROBERTSON Keith B, 5023 Rahlves Drive, Castro Valley, CA 94546, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

STANTON Gregory E (et al) (agent), Townsend and Townsend and Crew LLP,  
Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200165444 A1 20010907 (WO 0165444)

Application: WO 2001US6000 20010226 (PCT/WO US0106000)

Priority Application: US 2000185267 20000228; US 2000532274 20000321

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 9984

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... carrier to adopt or recognize the service company's tracking number system.

In another embodiment, **updated status information** is sent by the common carrier to the **server** system 102 periodically, upon a **change in status**, or a combination of the two. Such **change in status information** may be sent from a common carrier **server** system 120 to the service company server system 102 via the internet 106 in a...

18/3,K/36 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00816841 \*\*Image available\*\*

**METHOD FOR RETRIEVING VEHICULAR COLLATERAL  
PROCEDE DE RECUPERATION D'UN VEHICULE GAGE**

Patent Applicant/Inventor:

FORBES Mark P, 27758 Santa Margarita Parkway #314, Mission Viejo, CA  
92691, US, US (Residence), US (Nationality)

Legal Representative:

TANEZAKI Eric L (agent), Stetina Brunda Garred & Brucker, 4th floor,  
24221 Calle de la Louisa, Laguna Hills, CA 92653, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200150380 A1 20010712 (WO 0150380)

Application: WO 2000US346 20000106 (PCT/WO US0000346)

Priority Application: WO 2000US346 20000106

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4822

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... receiver at  
predetermined intervals prior to any receipt of a  
signal in response to a **change** in the loan **status** ;  
and  
(2) receiving locational **data** **transmitted** from  
the transmitter to the base **terminal** via the data  
link to verify the operation of the base  
communication receiver.

21 The...

...transmitter at predetermined intervals prior to any receipt of a signal in response to a **change** in the loan **status** ; and (2) receiving locational **data** **transmitted** from the transmitter to the base **terminal** via the data link to verify the operation of the transmitter.

22 The method of...

18/3,K/37 (Item 18 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00814145

**A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS**  
**PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

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94115, US,  
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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box  
52037, Palo Alto, CA 94303, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200146889 A2 20010628 (WO 0146889)  
Application: WO 2000US35216 20001222 (PCT/WO US0035216)  
Priority Application: US 99470805 19991222; US 99469525 19991222; US  
99470039 19991222

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ  
EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 98671

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... 76 is a flowchart of a process for performing a direct fund transfer utilizing a **network** ; Figure 77 illustrates a process for open accounts **information** in accordance with an embodiment of the present invention;  
Figure 78 is a flowchart illustrating...the single point of contact for all end users. This unit has end-to-end **accountability** for all user incidents and problems  
Incident Management (9308)  
Incident Management provides the interface between...the single point of contact for all end users. This unit has end-to-end **accountability** for all user incidents and problems regardless of whether or not it has the resources...configuration until the primary resources can be restored.  
Within a distributed environment, disaster recovery must **account** for differing levels of, disaster whether at a central or distributed site(s).

# Implementation Considerations...

...are carried out, monitored and recorded for each asset as appropriate.

Administration (9326)

Billing and **Accountin**

Billing & **Accounting** gathers the necessary **accounting** information for calculating actual costs, determines chargeback costs based on pre-defined algorithms and bills users for service rendered.

Billing & **Accounting** also makes payments to service providers for services and equipment provided in accordance with agreed upon SLAs. As part of this payment process Billing & **Accounting** reconciles bills from service providers against ...of the component is required?

Due to the complexity of a distributed environment one must **account** for the processes taking place across the entire system on multiple platforms in either a...

18/3,K/38 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00814139

**A METHOD FOR MANAGING A UTILITY SERVICE UTILIZING A NETWORK**

**PROCEDE DE GESTION D'UN SERVICE UTILITAIRE AU MOYEN D'UN RESEAU**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US

(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200146845 A2 20010628 (WO 0146845)

Application: WO 2000US35256 20001222 (PCT/WO US0035256)

Priority Application: US 99471644 19991223; US 99471961 19991223; US 99472717 19991223

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE

DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS

LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM

TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 30502

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... these data, whether it is in the form of e-mail messages through global computer **information network** or files **transferred** through FTP. Additional **features** of this system include remote **modification** capability for most operating parameters.

For each Demand Interval, the following are stored: DATE: 306...

18/3,K/39 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00807441      \*\*Image available\*\*

**SERVER-BASED BILLING AND PAYMENT SYSTEM**

**SYSTEME DE FACTURATION ET DE PAIEMENT BASE SERVEUR**

Patent Applicant/Assignee:

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Inventor(s):

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Chicago, IL 60675, US,

Legal Representative:

PFLEGER Edmund Paul (agent), Hayes, Soloway, Hennessey, Grossman & Hage,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200141020 A1 20010607 (WO 0141020)

Application: WO 2000US32729 20001201 (PCT/WO US0032729)

Priority Application: US 99168940 19991203; US 2000527560 20000316; US  
2000527208 20000316; US 2000526791 20000316; US 2000526792 20000316; US  
2000526793 20000316; US 2000527209 20000316

Designated States: CA CN MX SG

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 12933

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... of the payment selection process preferably includes payorselectable  
settlement dates. Thus, the payor can control **accounts** payable by  
specifying

23

I dates for settlement. Also, discount terms offered by the biller...

...complete original invoice data, payment data (including, for example,  
settlement date, payment method, payment amount, **account** data, invoice  
number, etc.) and remittance data. Once placed I I in the output queue...

...392, and the invoice data to the payor's A/P fori-nat 394. The **status**  
flag for that invoice is **updated** as being settled 396.

EXEMPLARY **NETWORK** INTERFACE

1 8 **Network** interface 18 converts the format of invoice data and  
commands received 1 9 from the...

...to the payor. In this example, payors can click on unpaid invoices 402,  
and unpaid **accounts** are displayed. In the example shown, the invoices  
are presented by biller 404, PO number...

...452. This payor could also "approve all" of the outstanding, as  
indicated at 454. For **account** management, reports can be generated  
directly online. For example, as shown in Figure 51), this...e.g.,  
transaction, financial, administrative, statistical, data extracting and  
auditing, data transmission/reception, and/or **accounting** support and  
service 1 systems), and/or storage methodologies may be used in  
conjunction with...

18/3,K/40      (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806382

**METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF  
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A  
MARKET SPACE INTERFACE**

**PROCÉDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE  
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION  
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ**

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Main International Patent Class: **G06F-017/60**

**18/3,K/41 (Item 22 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00805495 \*\*Image available\*\*

**INSURANCE MARKETING METHODS**

**PROCEDES DE COMMERCIALISATION D'ASSURANCES**

Patent Applicant/Assignee:

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US)

Patent Applicant/Inventor:

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, US (Nationality), (Designated only for: US)

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, US, US (Residence), FR (Nationality), (Designated only for: US)

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ZONA David, 2700 Martinez Drive, Burlingame, CA 94010, US, US (Residence)  
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Legal Representative:

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Indianapolis, IN 46204, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139090 A1 20010531 (WO 0139090)

Application: WO 2000US32342 20001127 (PCT/WO US0032342)

Priority Application: US 99167636 19991126; US 99170027 19991210; US  
2000198007 20000418; US 2000199483 20000425; US 2000209155 20000602

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27278

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... endorsement documentation by mail or e-mail]. The user receives credit to the user's **account**, which credit is either applied to the user's **account** at the next policy renewal, or sent to the user as a refund check if...this process in detail.  
Turning to Fig. 1 OG, when a user establishes a database **account**, the user will have the option to direct the insurance provider to automatically sub-nit...cannot be retried, and 333 for invalid data that cannot be resent. If the merchant **website** is not available for **information transfer**, the partner site communication layer should time out after a specified time, such as, for...

18/3,K/42 (Item 23 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00787016 \*\*Image available\*\*

**METHOD AND SYSTEM FOR IMPLEMENTING AND BILLING WAP AND INTERNET SERVICES  
PROCEDE ET SYSTEME DE MISE EN OEUVRE ET DE FACTURATION DE SERVICES WAP ET  
INTERNET**

Patent Applicant/Assignee:

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FI (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

SEPPO LAINE OY (agent), Itamerenkatu 3 B, FIN-00180 Helsinki, FI,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200120506 A1 20010322 (WO 0120506)

Application: WO 2000FI775 20000914 (PCT/WO FI0000775)

Priority Application: FI 991958 19990915

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model)  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Finnish

Fulltext Word Count: 20432

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... for the service used by the customer. Charging can utilize various methods. The payer's **account** can, for example, be charged in real time. Various parameters, e.g., parameters relating to...embodiment of the invention, if the user has a smart-card containing charges or an **account** that can be charged in real time, and, if the balance contains in them is...

...e.g., a bariking service) free of charge, so that they can access their bank **account** and transfer cash to their card or to the requisite **account**, which can be charged, e.g., for voice services. In addition, in this invention, customers' profiles can be taken into **account** in such a way that, for example, the advertisement/announcement, etc. to be sent to ...way that the URLs are mutually dependent, for instance taking the user's profile into **account**. For example, when a connection code (e.g., a code relating to a main service...

...connected. It is then possible to retrieve the said second code and send it to **server** 2, from which the desired **data** is retrieved and- **sent** to **terminal** device 1. The aforesaid solution is referred to in, among other places,- patents F1100137, F1102020...that contains the logic required for the control and routing of calls or other specified **data transmissions**. On the other hand, if the **network** / **server** 2, 3 do not receive the requisite response from terminal device I within the predefined...

...must react (e.g., by selecting an element from a menu), then the call and **data transmission** are terminated in **network** / **server** 1, 3. In this case too, an existing technique, to which the method according to...

18/3,K/43 (Item 24 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00783280 \*\*Image available\*\*

**SYSTEM AND METHOD FOR CONDUCTING FINANCIAL TRANSACTIONS ON AN INTERNET  
ENABLED ELECTRONIC FUNDS TRANSFER DEVICE**

**SYSTEME ET PROCEDE VISANT A REALISER DES TRANSACTIONS FINANCIERES SUR UN  
DISPOSITIF DE TRANSFERT DE FONDS ELECTRONIQUE EXPLOITABLE SUR INTERNET**

Patent Applicant/Assignee:

FUNDSPRESS FINANCIAL NETWORK INC, 11950 Jollyville Road, Austin, TX  
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US,

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HARTMAN Samuel David, 11970 Jollyville Road, Apt. No. 210, Austin, TX  
78759, US,

BLUMENTHAL David Steven, 808 Jessie Street, Austin, TX 78704, US,  
KONIGSBURG Joyce Ann, 7306 Bluntleaf Cove, Austin, TX 78750, US,

Legal Representative:

KORN Martin (agent), Locke Lidell & Sapp LLP, 2200 Ross Avenue, Suite  
2200, Dallas, TX 75201-6776, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116828 A1 20010308 (WO 0116828)

Application: WO 2000US20785 20000821 (PCT/WO US0020785)

Priority Application: US 99384777 19990827; US 2000579900 20000526

Designated States: AU CA JP MX

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 5667

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

- ... be able to offer their customers the ability to conduct basic financial transactions, such as **account** balance inquiry, transfer of funds between **accounts** and electronic bill payment, without the assistance of a live teller. This ability permits the...
- ...as automated teller machines (ATMs), which allow their customers to conduct traditional ATM financial transactions ( **account** balance inquiry, fund transfers between **accounts** and cash withdrawal) after inserting a plastic authorization card into the ATM and entering a...
- ...ATM financial transactions, it is far too slow to handle detailed financial information such as **account** history, much less dataintensive information such as graphical content. Thus, most ATMs today restrict users to traditional ATM financial transactions involving no more than two **accounts** (primary savings and primary checking) and are not able to take advantage of the user...
- ...ATM network will support: namely, traditional ATM financial transactions with a maximum of two primary **accounts** per user. For example, ATMs currently exist which have a private line over which traditional...
- ...financial institution that owns the ATM machine). Furthermore, financial information such as the customer's **account** information is not available over the Internet connection. instead, general information about the financial institution...then responds to the query with its certificate and requests that the ATM's certificate **information** be **sent** . Upon verification of the **web server** 's certificate, the **web** -enabled ATM sends its certificate information to the web server. Upon verification of the web...
- ...web server through the secure channel. The web server uses an identical algorithm as the **web** -enabled ATM 12 to generate its own checksum, using the **data transmitted** from the **web** -enabled ATM 12 and the shared secret that has been pre-installed for this particular...

18/3,K/44 (Item 25 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00783262 \*\*Image available\*\*

**SYSTEM AND METHOD FOR MANAGING PROJECTS**  
**SYSTEME ET PROCEDE DE GESTION DE PROJETS**

Patent Applicant/Assignee:

NOOSH INC, Building B, 3401 Hillview Avenue, Palo alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

SPOLIN Mathew L, 300 Beale Street #501, San Francisco, CA 94195, US,  
BEN-SHACHAR Ofer, 806 Seale Avenue, Palo Alto, CA 94303, US,  
HANNEBRINK Dave, 35750 Moody Road, Los Altos Hills, CA 94022, US,

Legal Representative:

YI Susan C (agent), Ritter, Van Pelt & Yi LLP, 4906 El Camino Real, Suite  
205, Los Altos, CA 94022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116809 A1 20010308 (WO 0116809)  
Application: WO 2000US40715 20000822 (PCT/WO US0040715)  
Priority Application: US 99386026 19990830; US 99386027 19990830; US  
99385180 19990830; US 99385179 19990830

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9892

International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... by CPU 102 can be used to connect the computer system 100 to an external **network** and **transfer data** according to standard protocols. That is, method embodiments of the present invention may execute solely ...a printer, is

19

selected. A group members may be regular users in a company **account**. Group managers may be company **account** administrators who can see all of the print jobs created by anyone in their company **account** (their group). A group manager may run reports across all of the jobs in their **account**, for example.

Examples of actions that may be included

among the privileges associated with a...

18/3,K/45 (Item 26 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00766118 \*\*Image available\*\*

REDEMPTION SYSTEMS AND METHODS WHEREIN A BUYER TAKES POSSESSION AT A RETAILER OF A PRODUCT PURCHASED USING A COMMUNICATION NETWORK  
SYSTEMES ET PROCEDES D'ENCAISSEMENT, LORS DE L'ENTREE EN POSSESSION PAR UN ACHETEUR, CHEZ UN DETAILLANT, D'UN PRODUIT ACHETE PAR L'INTERMEDIAIRE D'UN RESEAU DE TELECOMMUNICATIONS

Patent Applicant/Assignee:

WALKER DIGITAL LLC, One High Ridge Park, Stamford, CT 06905, US, US

(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WALKER Jay S, 124 Spectacle Lane, Ridgefield, CT 06877, US, US

(Residence), US (Nationality), (Designated only for: US)

MIK Magdalena, 10 South New Street, Greenwich, CT 06830, US, US

(Residence), US (Nationality), (Designated only for: US)

VAN LUCHENE Andrew S, 9 Greenwood Place, Norwalk, CT 06854, US, US

(Residence), US (Nationality), (Designated only for: US)

OTTO Jonathan, Apartment 9A, 25 Forest Street, Stamford, CT 06901, US, US

(Residence), US (Nationality), (Designated only for: US)

LEVITAN Ian, 42 Church Hill Avenue, Westmount, Quebec HY3 2Z9, CA, CA

(Residence), CA (Nationality), (Designated only for: US)

TEDESCO Daniel E, 49 Kings Highway North, Westport, CT 06880, US, US

(Residence), US (Nationality), (Designated only for: US)

PACKES John M Jr, 21 Frankford Street, Hawthorne, NY 10532-1950, US, US

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BUCKLEY Patrick J (et al) (agent), Walker Digital Corporation, Five High Ridge Park, Stamford, CT 06905, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200079495 A2 20001228 (WO 0079495)

Application: WO 2000US16998 20000621 (PCT/WO US0016998)

Priority Application: US 99337906 19990622; US 99388723 19990902

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25866  
Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Claims

Claim

... R107-45; \$90 - \$120 TBD

R091-10; R103-33

FIG, 6B

/ 46

700

SELLER SELLER **ACCOUNT**

IDENTIFIER COMMUNICATION IDENTIFIER

ADDRESS

702 704 706

123321 SELLERA@ 33333333

SERVER.COM

321123 SELLERB@ 44444444...

...PRODUCT 1506

DETERMINE PAYMENT

PROTOCOL

1508

YES RECEIVE PAYMENT IDENTIFIER

PROTO L= AND FREEZE BUYER **ACCOUNT** FOR

"FREEZE"? AT LEAST ONLINE PRICE 1512

1510

PAY AT

RE EMPTION 0 OL=

OR...

...END

IDENTIFIED?

1606

YE

PROCESS PAYMENT FOR AT LEAST THE

BUYER-SET PRICE USING FINANCIAL

**ACCOUNT** IDENTIFIER 1608

IDENTIFY REDEMPTION

IDENTIFIER

STORE REDEMPTION IDENTIFIER

AND PRODUCT DESCRIPTION IN

PRICING DATABASE 1612...HATPRODUCTHAS TO POS SERVER

EDEEMED? 2108

2106

N

0 ROD NO

IDENTIFIER

MATCH?

2110

Y

**UPDATE** CORRESPONDING

**STATUS** TO REDEEMED IN **ONLINE**

PRICE DATABASE 2112

TRANSMIT AUTHORIZATION

SIGNAL TO POS SERVER

2114

FIG, 21

/ 46

2200

EDEMPTION...

...2906

DETERMINE RETAILER

LOCATION AT WHICH

REDEMPTION OCCURRED 2908

is ADJUST INITIAL AMOUNT

APPROPRIAT TO **ACCOUNT** FOR TAX

2910 DIFFERENTIAL 2912  
YES

18/3,K/46 (Item 27 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00762428 \*\*Image available\*\*  
BUILDING CONSTRUCTION BID AND CONTRACT MANAGEMENT SYSTEM, INTERNET-BASED  
METHOD AND COMPUTER PROGRAM THEREFOR  
SYSTEME D'APPEL D'OFFRES ET DE GESTION DE CONTRATS DANS LE DOMAINE DE LA  
CONSTRUCTION, PROCEDE BASE SUR INTERNET ET PROGRAMME INFORMATIQUE  
ASSOCIE

Patent Applicant/Inventor:

CROOKSHANKS Rex J, 1901 Paseo del Sol, Palos Verdes Estates, CA 90274, US  
, US (Residence), US (Nationality)

Legal Representative:

DULIN Jacques M (agent), Innovation Law Group, Ltd., Suite 101, 851  
Fremont Avenue, Los Altos, CA 94024-5602, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200075837 A2 20001214 (WO 0075837)  
Application: WO 2000US15481 20000605 (PCT/WO US0015481)  
Priority Application: US 99137576 19990604; US 99163702 19991105; US  
2000174989 20000107; US 2000197907 20000413

Designated States: AU BG BR BY CA CN CZ CZ (utility model) EE EE (utility  
model) GE HR HU ID IL IN JP KG KP KR KR (utility model) KZ LT LV MD MK MX  
NO NZ PL RO RU SG SI SK SK (utility model) TJ TM TR UA US UZ VN YU ZA  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 22042

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... host Internet embodiment of the Bid System 100 of the invention. In  
this embodiment, the **transmittal** of **data**, including plans, overlays,  
contracts, bids, comments, instructions, review **status**, edits, **changes**  
and the like is preferably via the **Internet** 120. The Bid System is  
preferably operated principally on a central remote host server 101...

...conventional PCs. For each project party, the BSSP via the central  
server may create an **account**, with appropriate conventional security  
and authentication controls, which allows that party to access particular  
BSSP...

...as appropriate to the method step, storing and archiving data, and  
transferring data to the **account** pages of other parties to the project,  
and communications between it and the parties, and...

18/3,K/47 (Item 28 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00761432  
METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES  
AND CUSTOMER PROFILE  
PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE  
CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS

Patent Applicant/Assignee:

ANDERSEN CONSULTING LLP, 100 South Wacker Drive, Chicago, IL 60606, US,  
US (Residence), US (Nationality)

Inventor(s):



GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US

Legal Representative:

BRUESS Steven C, Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN  
55402-0903, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073958 A2 20001207 (WO 0073958)  
Application: WO 2000US14459 20000524 (PCT/WO US0014459)  
Priority Application: US 99320818 19990527

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 151011

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... that tests that requirement

These relationships make it possible to analyze efficiently the impacts  
of **change** and to document the **state** of system test. For example, the  
number of outstanding SIRs per cycle can easily be...

18/3,K/48 (Item 29 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761430 \*\*Image available\*\*

SYSTEM, METHOD AND COMPUTER PROGRAM FOR REPRESENTING PRIORITY INFORMATION  
CONCERNING COMPONENTS OF A SYSTEM

SYSTEME, METHODE ET ARTICLE FABRIQUE PERMETTANT DE CLASSER PAR ORDRE DE  
PRIORITE DES COMPOSANTS D'UNE STRUCTURE DE RESEAU NECESSAIRES A LA MISE  
EN OEUVRE D'UNE TECHNIQUE

Patent Applicant/Assignee:

ANDERSEN CONSULTING LLP, 100 South Wacker Drive, Chicago, IL 60606, US,  
US (Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073956 A2-A3 20001207 (WO 0073956)  
Application: WO 2000US14406 20000524 (PCT/WO US0014406)  
Priority Application: US 99321274 19990527

Designated States: AE AG AL AM AT (utility model) AU AZ BA BB BG BR BY CA  
CH CN CR CU CZ (utility model) DE (utility model) DK (utility model) DM  
DZ EE (utility model) ES FI (utility model) GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (utility model) SL TJ TM TR TT  
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English  
Fulltext Word Count: 149024

Main International Patent Class: G06F-017/60

Fulltext Availability:  
Detailed Description

Detailed Description

... Management tool should provide this utility.

Reports for impact analysis are extremely useful in the **change** control process. As the repository maintains relationships between repository objects, 'where-used' and 'contains' report...

18/3,K/49 (Item 30 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00761423

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR EFFECTIVELY CONVEYING WHICH COMPONENTS OF A SYSTEM ARE REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ACHEMINEMENT EFFICACE DES COMPOSANTS D'UN SYSTEME NECESSAIRES A LA MISE EN PRATIQUE D'UNE TECHNOLOGIE

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073929 A2 20001207 (WO 0073929)

Application: WO 2000US14457 20000524 (PCT/WO US0014457)

Priority Application: US 99321136 19990527

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility  
model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK  
(utility model) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150133

Main International Patent Class: G06F-017/60

Fulltext Availability:  
Detailed Description

Detailed Description

... object model and does not contain any of the transient or dynamic aspects. The physical **data** model may also **change** significantly (forDB optimization), further confusing the issue.  
There can be performance problems with objects mapped...

18/3,K/50 (Item 31 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00761422

**BUSINESS ALLIANCE IDENTIFICATION**

**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES  
COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU**

**Patent Applicant/Assignee:**

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US  
(Residence), US (Nationality)

**Inventor(s):**

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,  
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,  
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

**Legal Representative:**

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt,  
P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200073928 A2-A3 20001207 (WO 0073928)  
Application: WO 2000US14375 20000524 (PCT/WO US0014375)  
Priority Application: US 99320816 19990527

**Designated States:** AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

**Publication Language:** English

**Filing Language:** English

**Fulltext Word Count:** 149371

**Main International Patent Class:** G06F-017/60

**Fulltext Availability:**

Detailed Description

**Detailed Description**

... incidents. Within Problem Management, related incidents are correlated to problems and ultimately to order or **change** requests. All problems are logged, tracked and archived.

Where possible, work-around are determined and...

18/3,K/51 (Item 32 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00757112 \*\*Image available\*\*

**METHOD AND SYSTEM FOR ISSUING AND MANAGING CERTIFICATES OF INSURANCE**

**PROCEDE ET SYSTEME PERMETTANT DE DELIVRER ET DE GERER DES CERTIFICATS  
D'ASSURANCE**

**Patent Applicant/Assignee:**

VERICERT INC, 8144 Walnut Hill Lane, Suite 1080, Dallas, TX 75231, US, US  
(Residence), US (Nationality)

**Patent Applicant/Inventor:**

BATES Rolland C III, 11576 East Ricks Circle, Dallas, TX 75230, US, US  
(Residence), US (Nationality)

GIST William R, 1909 Bazoria, Mesquite, TX 75150, US, US (Residence), US  
(Nationality)

CROUCH Lester S, 1120 Melrose Drive, Richardson, TX 75080, US, US  
(Residence), US (Nationality)

PRENGLER Michael D, 647 Harvest Glen Drive, Richardson, TX 75081, US, US  
(Residence), US (Nationality)

EISENMANN Eugene J Jr, 3621 Dewberry, Plano, TX 75025, US, US (Residence),  
US (Nationality)

**Legal Representative:**

FISH Charles S (agent), Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX  
75201-2980, US,

...of coverage dates under each insurance policy and the challenge escalates. With the VeriCert Exchange **Network**, changes in coverage or **status** of a certificate are instantly noted, making it easy, fast and efficient to create and...

18/3,K/52 (Item 33 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00755449 \*\*Image available\*\*  
**INTEGRATED SYSTEM FOR ORDERING, FULFILLMENT, AND DELIVERY OF CONSUMER PRODUCTS USING A DATA NETWORK**  
**SYSTEME INTEGRE DE COMMANDE, D'EXECUTION DE COMMANDE ET DE LIVRAISON DE PRODUITS DE CONSOMMATION FAISANT APPEL A UN RESEAU DE DONNEES**

Patent Applicant/Assignee:

WEBVAN GROUP INC, 310 Lakeside Drive, Foster City, CA 94404, US, US  
(Residence), US (Nationality)

Inventor(s):

BORDERS Louis H, 435 Tasso Street, #300, Palo Alto, CA 94301, US  
RELAN Arvind Peter, 2472 Whitney Drive, Mountain View, CA 94043, US  
LLOYD Margaret Sue, 728 Nash Avenue, Menlo Park, CA 94025, US  
BHARGAVA Sunil, 45 Sheldon Way, Hillsborough, CA 94010, US  
WIJAYA Joyo, 125 Seminary Drive, Menlo Park, CA 94025, US  
HAM Peter, 250 Walter Hays Drive, Palo Alto, CA 94303, US  
CLOSSMAN Gray Andrew, 1944 Tasso Street, Palo Alto, CA 94301, US  
MAYYA Ajit Ramachandra, 13575 Lomond Court, Saratoga, CA 94070, US

Legal Representative:

WOLF Dean E, Beyer Weaver & Thomas, LLP, P.O. Box 130, Mountain View, CA 94042-0130, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200068859 A2 20001116 (WO 0068859)  
Application: WO 2000US13038 20000511 (PCT/WO US0013038)  
Priority Application: US 99133346 19990511; US 2000568603 20000510

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 30001

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... system 412 to the Front Office system 130. According to a specific embodiment, the MFD **server transfers** the delivery transaction **data** to the Transportation Subsystem, which then **updates** the order **status** information in the Front Office database. At (I 1) the Front Office system performs final...

...the customer is actually billed for the order. Moreover, the billed amount will take into **account** any returns, order modification, adjustments, and/or credits which were processed by the MFD at...

18/3,K/53 (Item 34 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00750422     \*\*Image available\*\*

**ADVERTISING SYSTEMS AND METHODS USING INTERVAL**

**SYSTEMES ET PROCEDES PUBLICITAIRE DANS LESQUELS LE TEMPS MORT EST UTILISE**

Patent Applicant/Inventor:

JOO Jin-Yong, 201 Artvilla 586  
Yangji-dong, Sujeong-ku, Seongnam-city, Kyonggi-do 461-250, KR, KR  
(Residence), KR (Nationality)

Legal Representative:

JOHN Kwan-Chool, Pedison International Patent and Law Office, 824-28,  
Yoksam-dong, Kangnam-gu, Seoul 135-080, KR

Patent and Priority Information (Country, Number, Date):

Patent: WO 200063804 A1 20001026 (WO 0063804)  
Application: WO 2000KR370 20000420 (PCT/WO KR0000370)  
Priority Application: KR 9914113 19990420

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Korean

Fulltext Word Count: 4918

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... using the Internet. .

**BRIEF DESCRIPTION OF THE DRAWINGS**

FIG. 1 shows an advertisement displayed during **downloading** of a **data** file in

accordance with the present invention;

FIG. 2 shows a variation in the **state** of a screen displayed during **changing** of a

**web** browser screen;

FIG. 3 shows an advertisement displayed during changing of a web browser screen...

**18/3,K/54     (Item 35 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2002 WIPO/Univentio. All rts. reserv.

00743961     \*\*Image available\*\*

**FINANCIAL PAYMENT METHOD AND MEDIUM**

**PROCEDE ET SUPPORT DE PAIEMENT FINANCIER**

Patent Applicant/Assignee:

PACIFICA GROUP INC, 1188 Bishop Street, Suite 3512, Honolulu, HI 96813,  
US, US (Residence), -- (Nationality)

Inventor(s):

BRADEN Wythe, 211 Luika Place, Kailua, HI 96734, US  
HSIEH Patrick, 7122 Hawaii Kai Drive, #82, Honolulu, HI 96825, US

Legal Representative:

LIEB Stephen J, Orrick, Herrington & Sutcliffe LLP, 666 Fifth Avenue, New  
York, NY 10103, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057330 A1 20000928 (WO 0057330)  
Application: WO 2000US7420 20000320 (PCT/WO US0007420)  
Priority Application: US 99272120 19990319

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

• Fulltext Word Count: 13173  
Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... the remote communications processor, which is linked or linkable to a database computer containing the **electronic I O account** information in **electronic data** storage. The **transmitted data** is logged and stored in memory locations, and the database computer then activates the electronic...

...and contains an outstanding balance corresponding to the monetary value contained in the packet, thus **changing the electronic account status** from inactive to active. An automatic transaction indicia is generated, and a 5 response packet...

...communications processor and transmitted back to the ECD verifying the activation of the designated electronic **account** containing the designated monetary value.

The verifying data (or some portion thereof) can then be...

18/3,K/55 (Item 36 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00743951 \*\*Image available\*\*

**WORKFLOW MANAGEMENT SYSTEM**

**SYSTEME DE GESTION DE FLUX DES TRAVAUX**

Patent Applicant/Assignee:

TRADOS GMBH, Hacklanderstrasse 17, D-70184 Stuttgart, DE, DE (Residence),  
DE (Nationality)

Inventor(s):

KNYPHAUSEN Iko, 113 South Columbus Street, Alexandria, VA 22314, US  
HUMMEL Jochen, Birkenwaldstrasse 161, D-70191 Stuttgart, DE

Legal Representative:

KLUNKER SCHMITT-NILSON HIRSCH, Winzererstrasse 106, D-80797 Munchen, DE

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057320 A2 20000928 (WO 0057320)

Application: WO 2000EP595 20000126 (PCT/WO EP00000595)

Priority Application: US 99125078 19990319; US 99303499 19990430; US  
99317979 19990525

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13602

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... 24

OPERATOR ACCESSES

CLEARINGHOUSE

602 (WEBSITE)

CLEARINGHOUSE

TRANSMITS ELECTRONIC

604 FORM TO OPERATOR

• 4p OPERATOR RECEIVES  
ELECTRONIC FORM AND  
FILLS OUT REQUIRED  
606 INFORMATION  
OPERATOR TRANSMITS  
FORM BACK TO THE  
608 CLEARINGHOUSE  
CLEARINGHOUSE SENDS  
OPERATOR'S 622  
QUALIFICATIONS/CREDENTIALS TO  
610...

...OPERATOR'S PAYMENT - - - 624  
INFORMATION TO A FINANCIAL  
614 MODULE  
CLEARINGHOUSE RECEIVES  
OPERATOR'S PAYMENT  
ACCOUNT FROM THE FINANCIAL  
616 MODULE  
CLEARINGHOUSE ADDS  
OPERATOR'S QUALIFICATIONS/  
CREDENTIALS AND FINANCIAL  
618 -INFORMATION TO...CLEARINGHOUSE SENDS SUBJECT  
PAYMENT ACCOUNT 824  
INFORMATION TO A FINANCIAL  
814 MODULE  
CLEARINGHOUSE RECEIVES  
SUBJECT'S ACCOUNT  
CONFIRMATION FROM THE  
816 FINANCIAL MODULE  
CLEARINGHOUSE ADDS  
SUBJECT'S INFORMATION TO  
818 A SUBJECT...

...OR  
DENIED) DENIED)  
FINANCIAL MODULE SETS UP A FINANCIAL MODULE SETS UP AN  
SUBJECT'S ACCOUNT WITH THE OPERATOR'S ACCOUNT WITH THE  
ABILITY TO ELECTRONICALLY ABILITY TO ELECTRONICALLY  
CREDIT/DEBIT THE ACCOUNT CREDIT/DEBIT THE ACCOUNT  
FINANCIAL MODULE RECEIVES FINANCIAL MODULE RECEIVES  
PAYMENT INSTRUCTIONS FROM THE PAYMENT INSTRUCTIONS FROM THE  
CLEARINGHOUSE TO CREDIT/DEBIT CLEARINGHOUSE TO CREDIT/DEBIT  
THE SUBJECT'S ACCOUNT THE OPERATOR'S ACCOUNT  
FINANCIAL MODULE FINANCIAL MODULE  
CREDITS/DEBITS CREDITS/DEBITS  
THE SUBJECT'S ACCOUNT THE OPERATOR'S ACCOUNT  
FIGR 10A FIGR 10B

2/24

11 32

ACCOUNT CREATION FORM 52

NAME: 44 JOHN SMITH

46 1 @f

FINANCIAL -,`@ SEND

ACCOUNT NUMBER: 5423 789 8976 4543 ACCOUNT  
INFORMATION

FINANCIAL @@ 48

CREDIT CARD

ACCOUNTTYPE :

FIGI 11

3/24

CREDENTIAL CHECK MODULE

RECEIVES THE OPERATOR'S 1202

QUALIFICATIONS/CREDENTIALS

FROM...

• DIALOG(R) File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00734789 \*\*Image available\*\*

**A COMPUTER SYSTEM FOR DISPLAYING ADVERTISEMENTS TO CLIENTS  
SYSTEME INFORMATIQUE PERMETTANT D'AFFICHER DES MESSAGES PUBLICITAIRES A  
L'INTENTION DE CLIENTS**

Patent Applicant/Inventor:

GROPPER Robert L, 8416 Island Drive South, Seattle, WA 98118, US, US  
(Residence), US (Nationality)

Legal Representative:

HALEY Jeffrey T, Graybeal Jackson Haley LLP, Suite 350, 155-108th Avenue  
Northeast, Bellevue, WA 98004-5901, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200048106 A1 20000817 (WO 0048106)

Application: WO 2000US3528 20000211 (PCT/WO US0003528)

Priority Application: US 99249269 19990212

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27570

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... associated with the subscriber(s) UCL to the client program via the  
remote network. The **server** system also passes update information to the  
client program. Program **updates** (patches, bug fixes, new **features** ,  
etc.) are sent to the configuration file. New communications parameters  
such as modem configurations, access...

...also down-loaded to the configuration file. Changes that subscribers  
have made to their subscriber **account** information (i.e. contact  
information, news and advertisement information, web tracker lists, etc.)  
are also downloaded to the client program. The **information downloaded**  
from the **server** system to the client computer is often referred to  
herein as "inbound information".  
Once all...

18/3,K/57 (Item 38 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00560555 \*\*Image available\*\*

**INTERNET BUSINESS TRANSACTION PROCESSOR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**

Patent Applicant/Assignee:

HARDWARESTREET COM INC,

Inventor(s):

ALVIN Robert S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200023928 A2 20000427 (WO 0023928)

Application: WO 99US24452 19991019 (PCT/WO US9924452)

Priority Application: US 98104830 19981019; US 99345383 19990630

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ



• TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 7778

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... public Web

server 110 to obtain product information available for purchases, set up a customer **account**, check order status, etc. The Order Processing System 30 receives the product order requests and...

...and shipping/handling charges.

The Online Shopping System 20 is also used to create customer **accounts** with such information as customer name, billing address, telephone number, email address, etc. and this...

...status of previous orders and returned merchandise, send inquiries to Customer Service, etc. Furthermore, customer **accounts** can be used to generate customized 30 portfolios based on purchase patterns of individuals to...

...industry standard EDI (Electronic Data Interchange), or any other appropriate communication protocol including specialized client/ **server** software provided by the distributors.

**Downloading** of the product **information** from the distributors is scheduled to run automatically by the Catalog Builder/Price Modeler 50...Failed orders are analyzed for previous purchases by the customer, whether the customer is an **account** holder, etc. and sorted between high risk and low risk orders. For instance, orders from...740 to make it immediately available to the customer service and the customer's online **account**.

Credit Card Services

Credit Card Services sub-system 320 receives the orders forwarded to the...

...Payment Processing System 40

contacts the financial institution issuing the credit card and charges the **account** holder for purchases or credit the **account** for processed RMAs. For non-credit card orders, the Payment Processing System 40 may issue...shopping cart. At the time of checkout, the customer is asked to create a customer **account** asking for personal information such as name, billing address, telephone number, email address, as well as some profile information (all of which may be optional) to generate a customer **account**. If the customer already has an **account**, then the **account** ID is used to identify the customer and the customer is prompted for their password.

Once a customer **account** has been established, the order is filled out for the products to be purchased including quantity, method of payment (the credit card number may be established in the customer **account** so that it does not have to be inputted every time), shipping address, and method...

...between high risk and low risk orders such as whether the order was from an **account** holder who has good credit history from past purchases, whether the fraud score was too...

18/3,K/58 (Item 39 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00475562 \*\*Image available\*\*

**METHOD AND SYSTEM FOR THE UPDATE OF REMOTE DATA USING PERSISTENT KEYS  
PROCEDE ET SYSTEME DE MISE A JOUR DE DONNEES A DISTANCE AU MOYEN DE CLES  
PERMANENTES**

Patent Applicant/Assignee:

ACXIOM CORPORATION,

Inventor(s):

MORGAN Charles D,  
McLAUGHLIN G Leigh,  
FOGATA Marvin G,  
BAKER Joy L,  
COOK Joy E,  
MOONEY James E,  
ROLAND David B,  
TALBURT John R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9906914 A2 19990211

Application: WO 98US15066 19980721 (PCT/WO US9815066)

Priority Application: US 97902567 19970729

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11743

...International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... maintained by central database manager 220; only if the numbers do not  
match will new **data** be **sent** back to the customer database 21 0.

If a data customer chooses to **update** data in near real-time **mode** , the  
customer **server** 214 and application **server** '426 are used to form a  
direct link, or table join, between the customer database...

18/3,K/59 (Item 40 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00438235 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ADMINISTRATION OF AN INCENTIVE AWARD PROGRAM THROUGH  
USE OF CREDIT  
SYSTEME ET PROCEDE POUR LA GESTION D'UN PROGRAMME D'INCITATION AU MOYEN DU  
CREDIT**

Patent Applicant/Assignee:

MERIDIAN ENTERPRISES INC,

Inventor(s):

FRASER Michael L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9828699 A1 19980702

Application: WO 97US10773 19970620 (PCT/WO US9710773)

Priority Application: US 96773683 19961224

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW  
MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH  
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR

• 0, GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 10163  
Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description  
... invoicing.

Additionally, the Incentive Card Administration group processes a computer application to generate a cardholder **account** cancellation transaction record at 236 which is electronically transmitted to the Bank processor. The Bank the cardholder **account** database record at 238 with a cancelled status. The Incentive Card Administration group receives confirmation of the **account** cancellations during the **account** reconciliation process of FIG. 10, The system dataflow diagram for the **account** cancellation process of FIG. 12 is illustrated in FIG. 13. Requests for **account** cancellations are received at 240 and reviewed at 242. The Participant's **status** is **updated on - line** at 244 and the Participant's incentive card points are transferred to 46. The incentive...

18/3,K/60 (Item 41 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00377778 \*\*Image available\*\*  
**FULLY AUTOMATED VEHICLE DISPATCHING, MONITORING AND BILLING  
SYSTEME ENTIEREMENT AUTOMATIQUE DE REPARTITION, DE SUIVI ET DE FACTURATION  
DE VEHICULES**

Patent Applicant/Assignee:

SMITH Chris C,

Inventor(s):

SMITH Chris C,  
EDWARDS Kenneth W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9718521 A1 19970522

Application: WO 96US17332 19961025 (PCT/WO US9617332)

Priority Application: US 95549380 19951027

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW  
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD  
SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 16855

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... confirm that it is en  
route to its pick-up, it may use its mobile **data**  
**terminal** to **send a status update** message to the  
**automated** dispatch system. Furthermore, when the  
vehicle becomes available, it may send a different  
status message...

18/3,K/61 (Item 42 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00363084 \*\*Image available\*\*

**METHOD AND SYSTEM FOR PROVIDING CREDIT SUPPORT TO PARTIES ASSOCIATED WITH  
DERIVATIVE AND OTHER FINANCIAL TRANSACTIONS  
PROCEDE VISANT A FOURNIR UN SOUTIEN AU CREDIT A DES PARTIES ASSOCIEES ET  
AUTRES TRANSACTIONS FINANCIERES ET DISPOSITIF CORRESPONDANT**

Patent Applicant/Assignee:

CEDEL BANK,  
SAMPSON Gerald Paul,  
TYSON-QUAH Kathleen,  
STRAUSS Melvin,  
HADDOCK Jorge,  
SIME Thomas Shepherd,

Inventor(s):

SAMPSON Gerald Paul,  
TYSON-QUAH Kathleen,  
STRAUSS Melvin,  
HADDOCK Jorge,  
SIME Thomas Shepherd,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9703409 A1 19970130  
Application: WO 96GB1687 19960715 (PCT/WO GB9601687)  
Priority Application: US 95501901 19950713; US 96678793 19960711

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ  
PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US US UZ VN KE LS MW SD SZ  
UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 56467

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

- ... be readily used by the GCSS to effect optimized movement of assets within the Omnibus **Account** , and (2) is expressed in a format that is understandable to GCSS customers. Typically, the...is MASTER information structure; the Output thereof is an update to this information structure to **change** it system **status** flag to **on - line** mode; and the Event/Trigger is provided by the completion of process C530 and/or...
- ...perform the following functions: pledging assets if they exist in the customer's own GCSS **account** (assuming they are eligible); transferring assets out of the customer's own GCSS **accounts** ; transferring assets from a Cedel (LES) **account** of the customer to its GCSS **account** in order to replenish the same; manually covering by way of the "cover my counterparties...
- ...a customer to bring additional coverage (i.e., cash and US treasuries) into his GCSS **account** , from sources outside the GCSS, whenever the GCSS **account** is short of sufficient assets to cover credit exposures.  
Process C650 entitled DESIGNATE SPECIFIC PLEDGE...
- ...of specified asset; and the date the specified assets must be returned to the GCSS **account** . Using this input, the process performs the following functions: calculates the value of specified assets...in order to close the designation and attempt to return the asset to the GCSS **account** . Notably, within the GCSS, a designation is just another type of transfer, except that it...i.e., substitute) one or more presently provided credit support assets (in 1 5 GCSS **accounts** ) with one or more replacement assets whose value must be equal to or exceed the...1)  
extract the information from the correctly determined spot within the LCS processing cycle;  
(2) **transmit** the extracted **information** from LCS to the GCSS **server** in a secure manner; and  
(3) load up the extracted information into the GCSS database...

Set	Items	Description
S1	6	AU=(YODO, F? OR YODO F?)
S2	2408288	NETWORK? OR INTERNET OR INTRANET OR EXTRANET OR ONLINE OR - ON()LINE OR WEB? OR WWW OR LAN OR WAN OR ELECTRONIC? OR COMPU- TERI? OR AUTOMATE? OR SERVER? OR HOMEPAGE? OR HOME()PAGE?
S3	972175	TERMINAL? ? OR NODE OR NODES OR PC OR CPU
S4	2338957	INFO OR INFORMATION OR DATA
S5	48886	ACCOUNT?
S6	6012216	TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DIREC- T? OR ELECTRONIC?
S7	1763560	SYNC? OR UPDAT? OR UP() (DATE? OR DATING) OR MODIF? OR ALTE- R??? OR CHANG???
S8	1998461	STATE? ? OR STATUS OR ATTRIBUT? OR FEATURE? OR MODE OR MOD- ES
S9	10628591	OFF OR ON OR HIGH OR LOW OR AVAILABLE OR UNAVAILABLE OR RE- ADY
S10	2774435	TRANSFER? OR TRANSMI? OR FORWARD? OR SEND? OR SENT OR DOWN- LOAD?
S11	78621	S7(5N)S8
S12	380279	S10(3N)S4
S13	2257	S11(20N)S12
S14	471	S13(15N) (S2 OR S3)
S15	5	S14 AND S5
S16	16	S14 AND IC=G06F-017/60
S17	20	S15 OR S16

?show files

File 347:JAPIO Oct 1976-2002/May(Updated 020903)

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File 350:Derwent WPIX 1963-2002/UD,UM &UP=200259

(c) 2002 Thomson Derwent

*Considered OK 4/9/05*

17/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07187762 \*\*Image available\*\*  
DATA SELLING METHOD, DATA PROCESSING METHOD AND DEVICE, DATA COMMUNICATION  
SYSTEM, AND INFORMATION STORAGE MEDIUM

PUB. NO.: 2002-056161 [JP 2002056161 A]  
PUBLISHED: February 20, 2002 (20020220)  
INVENTOR(s): SUMITA SATOKI  
APPLICANT(s): NEC CORP  
APPL. NO.: 2000-242997 [JP 2000242997]  
FILED: August 10, 2000 (20000810)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To sell excellent statistic data on which the current state is reflected.

SOLUTION: A researcher always opens a homepage wherein various set question data are presented to the Internet by using a data processor 11, accumulates answer data that responding users input through answer terminal devices 12, and generates and sends statistic data back when receiving an order from a purchase terminal device 13 of a purchasing user. The gathering of the answer data and the transmission of the statistic data can be always performed and the statistic data on which the momentarily changing current state is excellent reflected can be sold.

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17/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06220154 \*\*Image available\*\*  
DATA HEALTH MONITOR FOR FINANCIAL INFORMATION COMMUNICATION NETWORK

PUB. NO.: 11-161715 [JP 11161715 A]  
PUBLISHED: June 18, 1999 (19990618)  
INVENTOR(s): SMITH CHRISTINA  
FLETCHER STEVE JOHN H  
DALE STEPHEN G  
APPLICANT(s): REUTERS LTD  
APPL. NO.: 10-252380 [JP 98252380]  
FILED: September 07, 1998 (19980907)  
PRIORITY: 925586 [US 925586], US (United States of America), September 08, 1997 (19970908)  
INTL CLASS: G06F-017/60 ; G06F-013/00; G06F-019/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a data health monitor for detecting and identifying financial data transmitted through a communication network which are not obtained in a real time.

SOLUTION: A processor 202 receives present financial data, decides a format including the identifier of the financial data, and transmits it to a communication network. A state code generator 203 generates a data source state code including a data source identifier based on the operating state of the data source, automatically updates it according to the change of the operating state, and automatically transmits the updated data source state code. Then, a customer site terminal which receives and processes a transmitted signal operates the selection of the old display mode and real time display mode of the financial data based on the data source identifier in a real time, and displays it.

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17/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

06018897 \*\*Image available\*\*  
SERVICE SYSTEM FOR RESTAURANT

PUB. NO.: 10-301997 [JP 10301997 A]  
PUBLISHED: November 13, 1998 (19981113)  
INVENTOR(s): SATOU MAKIKO  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 10-116422 [JP 98116422]  
FILED: April 27, 1998 (19980427)  
INTL CLASS: [6] G06F-017/60  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

#### ABSTRACT

PROBLEM TO BE SOLVED: To shorten the time until dinner is served to a customer, to shorten waiting time and to improve a rotation ratio by displaying unseated menu numbers for each a fixed menu on a cooking management device when menus and the number of menus which are shown from an order information generator.

SOLUTION: First, when an employee receives an order from a customer and presses down a menu key and a quantity key, order information that is classified into each cooking designating display 36 is sent based a menu master file from the input information to a display destination, i.e., a kitchen terminal 30. When the terminal 30 receives the order information, it updates the content of an unseated order file. At this time, it also updates the value of an 'unseated number' of an order **state** management file and further **updates** the display of the display 36 that corresponds to a 'kitchen TV number', accompanying the updation. Since order **information** is **sent** to the **terminal** 30 at the point of time when an order is taken in this way and it is immediately shown on the display 36, a cook starts to prepare cooking as soon as the order is taken even when a customer is not seated yet.

17/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

03562655 \*\*Image available\*\*  
NETWORK CONTROLLER FOR ON-LINE CASH TRANSACTION

PUB. NO.: 03-225555 [JP 3225555 A]  
PUBLISHED: October 04, 1991 (19911004)  
INVENTOR(s): HASEGAWA TAKESHI  
APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 02-021525 [JP 9021525]  
FILED: January 31, 1990 (19900131)  
INTL CLASS: [5] G06F-015/30; G06F-015/30; G07D-009/00  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines)  
JAPIO KEYWORD:R087 (PRECISION MACHINES -- Automatic Banking)  
JOURNAL: Section: P, Section No. 1294, Vol. 16, No. 3, Pg. 108, January 07, 1992 (19920107)

#### ABSTRACT

PURPOSE: To transmit/receive alarm system information without restricting data volume by executing the communication of **accounting** system information and that of the alarm system information by individual communication lines and securing sufficiently much traffic capacity by the two communication lines.

CONSTITUTION: Each cash dispenser (CD) 10 has a communication line switching part 10a, which is switched to a normal mode for connecting an **accounting** system information I/O part to a private line 11 and connecting an alarm system information I/O part to a public line 12 through a remote monitor 13 or an abnormal mode for connecting both the I/O parts to the line 12 through the monitor 13. In each change in the dispenser 10 such as a fault of the dispenser 10, medium information and a **status change**, the dispenser 10 **transmits** alarm **data** to a **network** controller 12 through a monitor 13 and the line 12. The controller 1 transmits the alarm data received from the dispenser 10 to a CRMC 18. The CRMC 18 transmits a restoration telegram for restoring the generation of a fault to the controller 1.

17/5/5 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014615392 \*\*Image available\*\*  
WPI Acc No: 2002-436096/200246  
XRPX Acc No: N02-343285

**Tracking package in shipping system by using application program interface to gather tracking status from carrier web page**  
Patent Assignee: PITNEY BOWES INC (PITB )  
Inventor: BOUCHER G A; KARBOWSKI K; KROUCH R J; MILLER R S; NJO A  
Number of Countries: 096 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
WO 200242979 A1 20020530 WO 2001US43569 A 20011121 200246 B

Priority Applications (No Type Date): US 2000718712 A 20001122

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200242979 A1 E 19 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): WO 200242979 A1

NOVELTY - Method consists in storing a package tracking number and e-mail address at a data center, submitting a tracking request to a carrier **website** which contains advertisements, **updating** the tracking **status** at the center, gathering **sender web page data**, combining them and **sending** a message containing the combined information to the e-mail address. The package is tracked for a set period or until it is delivered, and is tracked from the carrier web page using an API.

DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for a system for tracking a package in a shipping system.

USE - Method is for tracking parcel delivery.

DESCRIPTION OF DRAWING(S) - The figure shows a package tracking system.

pp; 19 DwgNo 1/3

Title Terms: TRACK; PACKAGE; SHIPPING; SYSTEM; APPLY; PROGRAM; INTERFACE;  
GATHER; TRACK; STATUS; CARRY; WEB; PAGE  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

17/5/6 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014538935 \*\*Image available\*\*

WPI Acc No: 2002-359638/200239

**System for transmitting stock quotations using multi-casting  
communication method**

Patent Assignee: HYUNDAI SECURITIES CO LTD (HYUN-N)

Inventor: LEE J H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001109915	A	20011212	KR 200030687	A	20000605	200239 B

Priority Applications (No Type Date): KR 200030687 A 20000605

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001109915	A	1	G06F-017/60	

Abstract (Basic): KR 2001109915 A

NOVELTY - A system for transmitting stock quotations using a multi-casting communication method is provided to accommodate maximum users with a minimum memory and a limited process ability by using the system for transmitting stock quotations using a multi-casting communication method.

DETAILED DESCRIPTION - Hosts send and receive data by connecting to a client and are divided by an operation. A client group maintains a communication channel, and receives and **transfers** an investment **information** broadcast packet. A host group notifies immediately a **changing** communication **state** to the client group, disperses **data transferred** from the client **terminal** according to a number of a communication channel, and sends and receives it. An investment information system provides investment information as communicating with the connection server. A message queue system performs a registration and a termination of a quotation of the investment information system. A common memory stores the communication state by each group and statistic information and is used, in order to exclude a socket each other.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; TRANSMIT; STOCK; MULTI; CAST; COMMUNICATE; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

17/5/7 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014523727 \*\*Image available\*\*

WPI Acc No: 2002-344430/200238

XRFX Acc No: N02-271049

**Internet based real estate management, involves updating databases stored with computer aided design data and corresponding attribute data, if modification information is transmitted to them**

Patent Assignee: TAISEI CONSTR CO LTD (TAKJ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002007544	A	20020111	JP 2000192640	A	20000627	200238 B

Priority Applications (No Type Date): JP 2000192640 A 20000627

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002007544	A	16	G06F-017/60	

Abstract (Basic): JP 2002007544 A

NOVELTY - CAD data based on the information about each real estate and corresponding attribute data, are stored in respective databases (10,11) of a generic management section (1). If modification information is transmitted to the management section (1) from a branch

terminal (3), the data stored in the databases are updated by an assistance system (19).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for real estate management system.

USE - For managing real estate such as land and building, through Internet.

ADVANTAGE - As the real estate information is stored in one area, the information is managed inexpensively and exactly.

DESCRIPTION OF DRAWING(S) - The figure shows the profile diagram of the real-estate management system. (Drawing includes non-English language text).

Generic management section (1)

Branch section (3)

Databases (10,11)

Assistance system (19)

pp; 16 DwgNo 1/11

Title Terms: BASED; REAL; ESTATE; MANAGEMENT; UPDATE; STORAGE; COMPUTER; AID; DESIGN; DATA; CORRESPOND; ATTRIBUTE; DATA; MODIFIED; INFORMATION; TRANSMIT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-017/30

File Segment: EPI

17/5/8 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014349836 \*\*Image available\*\*

WPI Acc No: 2002-170539/200222

Related WPI Acc No: 2000-236726

XRPX Acc No: N02-129694

**Collateral securing method for financial institution, involves determining vehicle location from locational data transmitted from transmitter to base terminal, for confiscating vehicle**

Patent Assignee: FORBES M P (FORB-I)

Inventor: FORBES M P

Number of Countries: 090 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6249217	B1	20010619	US 98103419	A	19980624	200222 B
			US 99430424	A	19991029	
WO 200150380	A1	20010712	WO 2000US346	A	20000106	200222 N
AU 200024942	A	20010716	AU 200024942	A	20000106	200222 N
			WO 2000US346	A	20000106	

Priority Applications (No Type Date): US 98103419 A 19980624; US 99430424 A 19991029; AU 200024942 A 20000106; WO 2000US346 A 20000106

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6249217	B1		7	B60R-025/10	Cont of application US 98103419 Cont of patent US 6025774

WO 200150380 A1 E G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200024942 A G06F-017/60 Based on patent WO 200150380

Abstract (Basic): US 6249217 B1

NOVELTY - Data link is established from a base terminal to transmitter (14) when a signal representing change in loan status, is received. Location of vehicle (10) is determined from the locational data transmitted to the base terminal from transmitter, for confiscating the vehicle.

USE - For financial institution for confiscating vehicle based on loan status indication.

ADVANTAGE - Provides high confidence to lending institution that there is a high probability of retrieving the vehicle by being able to verify the operability of transmitter and tamper alarm system in place.

DESCRIPTION OF DRAWING(S) - The figure symbolically depicts vehicle retrieval apparatus and system configuration.

Vehicle (10)

Transmitter (14)

pp; 7 DwgNo 1/2

Title Terms: SECURE; METHOD; FINANCIAL; INSTITUTION; DETERMINE; VEHICLE;

LOCATE; DATA; TRANSMIT; TRANSMIT; BASE; TERMINAL; VEHICLE

Derwent Class: Q17; W05; W06; X22

International Patent Class (Main): B60R-025/10; **G06F-017/60**

International Patent Class (Additional): G08G-001/123

File Segment: EPI; EngPI

17/5/9 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014348766 \*\*Image available\*\*

WPI Acc No: 2002-169469/200222

**Method and system for monitoring interested window, measuring real reference time and estimating incentive for compensation**

Patent Assignee: HONG M S (HONG-I)

Inventor: HONG M S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001090246	A	20011018	KR 200015001	A	20000324	200222 B

Priority Applications (No Type Date): KR 200015001 A 20000324

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001090246	A		1	G06F-017/60	

Abstract (Basic): KR 2001090246 A

NOVELTY - A method and a system for monitoring an interested window, measuring a real preference time and estimating an incentive are provided to lead a user to connect to a site through the internet by recompensing the user for expenses generated from using the internet, and by enabling the user to be free from using the internet.

DETAILED DESCRIPTION - An interested window monitor(31) monitors the **changed state** of the window. In addition, the interested window monitor(31) generates and **transmits information** on the valid state of the window. A request **web page** monitor(32) monitors a **web page** which a user newly requests. In addition, the request web page monitor(32) generates and transmits request web page information. A real preference time measuring unit(33) receives the information on the valid state of the window from the interested window monitor(31) and the request web page information from the request web page monitor(32). An incentive estimating unit(34) receives real reference time information from the real reference time measuring unit(33) and estimates the incentive to be compensated for the user.

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; MONITOR; WINDOW; MEASURE; REAL; REFERENCE;

TIME; ESTIMATE; COMPENSATE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

17/5/10 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014343992      \*\*Image available\*\*

WPI Acc No: 2002-164695/200221

Related WPI Acc No: 2002-164696; 2002-172055; 2002-172056

XRPX Acc No: N02-125666

**Route representation method for transport systems by deriving route segment table comprising one or more route segments**

Patent Assignee: GLOBAL FREIGHT EXCHANGE LTD (GLOB-N)

Inventor: DEMETRIADES P; MORGAN T; PATTERSON S; RAVECH D; ZOPPOS D

Number of Countries: 096    Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200205109	A2	20020117	WO 2001GB3048	A	20010706	200221 B
AU 200169293	A	20020121	AU 200169293	A	20010706	200234

Priority Applications (No Type Date): GB 200031545 A 20001222; GB 200016822 A 20000707; US 2000624069 A 20000724

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200205109	A2 E	91	G06F-017/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200169293	A		G06F-017/00	Based on patent WO 200205109
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Abstract (Basic): WO 200205109 A2

NOVELTY - A short-term schedule of individual instances of route legs may be stored, each corresponding to a directly connectable station pair. A route segment table may comprise one or more route segments, each of which corresponds to an individual instance of a one of the route legs, or a combination of individual instances of the route legs, from the short-term schedule.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

- (a) a method for maintaining data stored in a route table and/or transfer set table stored in the memory unit of a computer system
- (b) a method of operating a computer system for automatically generating route options for a transport system including several transport providers
- (c) a computer program translatable into a form for configuring a computer system for implementing claimed methods
- (d) a carrier medium for carrying a computer program code
- (e) a computer system for providing an integrated representation of routes in a transport system
- (f) a computer system for automatically generating route options for a transport system
- (g) a client computer system

USE - For automatically generating routing options for an air cargo transport system.

ADVANTAGE - Provides efficient interchange of information by fully integration, versioning and **updating** data regarding all the different **attributes** of various airline transport systems such as schedule, available capacity and price **information** for review by **forwarders**. Improves efficiency by using **automated** integrated information management systems, optimization of routing options and route management, by for example, taking into **account** aircraft type with regard to capacity and cargo type for a particular route.

DESCRIPTION OF DRAWING(S) - The drawing schematically illustrates details of a database structure for a data management system in accordance with the present invention.

pp; 91 DwgNo 5/23

Title Terms: ROUTE; REPRESENT; METHOD; TRANSPORT; SYSTEM; DERIVATIVE; ROUTE ; SEGMENT; TABLE; COMPRISE; ONE; MORE; ROUTE; SEGMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

17/5/11 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014241461 \*\*Image available\*\*  
WPI Acc No: 2002-062161/200208  
XRPX Acc No: N02-046137

**Conducting bidding session via Internet that facilitate buying, selling or trading goods and services by transmitting update of bidding session status information to at least one web browser residing on at least one remote terminal**

Patent Assignee: MCKINSEY & CO INC (MCKI-N); DO C V (DOCV-I)

Inventor: DO C V; CUONG V D

Number of Countries: 095 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200184448	A1	20011108	WO 2001US14303	A	20010503	200208 B
US 20020007338	A1	20020117	US 2000201742	P	20000504	200212
			US 2001847545	A	20010503	
AU 200161158	A	20011112	AU 200161158	A	20010503	200222

Priority Applications (No Type Date): US 2000201742 P 20000504; US 2001847545 A 20010503

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200184448 A1 E 70 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

US 20020007338 A1 G06F-017/60 Provisional application US 2000201742

AU 200161158 A G06F-017/60 Based on patent WO 200184448

Abstract (Basic): WO 200184448 A1

NOVELTY - Bidding session status information is transmitted from a bidding session server to a web browser via a communications channel. A bid is received from the web browser via the communications channel. In response to receiving the bid, an update of the bidding session status information is transmitted to at least one web browser residing on at least one remote terminal. The update has not been requested by the at least one web browser.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for:

(a) an apparatus for conducting a bidding session

USE - In interconnected computer networks, such as the Internet that facilitates buying, selling or trading goods and services over such a computer network e.g. for conducting online bidding sessions.

ADVANTAGE - Capable of automatically extending the time remaining in a bidding session, conducting multiple rounds of bidding, as well as 'blind' bidding sessions, and handling multiple-product bidding with price transparency. Capable of accommodating a bidder using a simple web browser from inside a corporate firewall. Simplified approach to installing, using and managing online bidding sessions for multiple clients (buyers and sellers of goods and services).

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram illustrating one embodiment of the present invention.

pp; 70 DwgNo 1/15

Title Terms: CONDUCTING; BID; SESSION; FACILITATE; BUY; SELL; TRADE; GOODS; SERVICE; TRANSMIT; UPDATE; BID; SESSION; STATUS; INFORMATION; ONE; WEB; ONE; REMOTE; TERMINAL

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

17/5/12 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013901619 \*\*Image available\*\*  
WPI Acc No: 2001-385832/200141  
XRPX Acc No: N01-283415

**Process demand transmission control device for internet application,  
transmits process demand based data input state with respect to component  
of data entry screen if transmission indication is received from server**

Patent Assignee: NTT COMMUNICATION WEAR KK (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001117874	A	20010427	JP 99294372	A	19991015	200141 B

Priority Applications (No Type Date): JP 99294372 A 19991015

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001117874	A		12	G06F-015/00	

Abstract (Basic): JP 2001117874 A

NOVELTY - Event acquisition unit (2) acquires event generated during input of data to data-entry screen. Table (3) contains input state of data with respect to component of screen. Processing state of data, is **updated** based on acquired event. Event management unit (4) judges transmission of process demand based on input state of data in table when **transmission** indication is received from **server**, based on which process demand is transmitted.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for recording medium storing process demand transmission control program.

USE - For controlling transmission of process demand from client to WWW server in internet application.

ADVANTAGE - Since transmission of process demand from the client to the server is controlled based on the condition of the component of data entry screen of the client, unnecessary process demand transmitted to server is eliminated.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of process demand transmission control device. (Drawing includes non-English language text).

Event acquisition unit (2)

Table (3)

Even management unit (4)

pp; 12 DwgNo 1/7

Title Terms: PROCESS; DEMAND; TRANSMISSION; CONTROL; DEVICE; APPLY;

TRANSMIT; PROCESS; DEMAND; BASED; DATA; INPUT; STATE; RESPECT; COMPONENT;

DATA; ENTER; SCREEN; TRANSMISSION; INDICATE; RECEIVE; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G06F-013/00; G06F-017/60

File Segment: EPI

17/5/13 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013874431 \*\*Image available\*\*  
WPI Acc No: 2001-358643/200138  
XRPX Acc No: N01-260533

**Testing of duplex supervision and control system of water treatment  
plant, involves notifying testing of object by control desk to standby  
group transmission processing system to continue data updating during  
test**

Patent Assignee: NISSHIN ELECTRICAL CO LTD (NDEN )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000311153	A	20001107	JP 99122305	A	19990428	200138 B

Priority Applications (No Type Date): JP 99122305 A 19990428

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000311153	A	6	G06F-015/177	

Abstract (Basic): JP 2000311153 A

NOVELTY - Control desks (1) in monitoring center, are coupled to controlled objects (2) over LANs (9,10). **Data transmission** processors (3A,3B) in **LAN** are alternatively set to standby mode, during data **updating** in other unit. When desk (11) to test new implementation item is installed, data relay is amended and test item is notified to standby unit (3B) to continue data updating and object monitoring, during test.

DETAILED DESCRIPTION - LAN (12) is newly established between the desk (11) and the server (5B) of the standby group processing unit (3B) during testing.

USE - For testing duplex supervision and control system of large scale water treatment facility.

ADVANTAGE - Since duplication condition of the implementation and standby group is always secured, monitoring control is reliable.

DESCRIPTION OF DRAWING(S) - The figure shows the model of the duplex supervision and control system.

Control desks (1)  
Controlled objects (2)  
Data transmission processing units (3A,3B)  
Server (5B)  
LANs (9,10,12)  
Control desk (11)  
pp; 6 DwgNo 1/3

Title Terms: TEST; DUPLEX; SUPERVISION; CONTROL; SYSTEM; WATER; TREAT;

PLANT; NOTIFICATION; TEST; OBJECT; CONTROL; DESK; STANDBY; GROUP;

TRANSMISSION; PROCESS; SYSTEM; CONTINUE; DATA; UPDATE; TEST

Derwent Class: T01; T06; W01; W05; X25

International Patent Class (Main): G06F-015/177

International Patent Class (Additional): G05B-009/03; G06F-011/16;

G06F-011/20; **G06F-017/60**

File Segment: EPI

**17/5/14 (Item 10 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013371007 \*\*Image available\*\*

WPI Acc No: 2000-542946/200049

XRPX Acc No: N00-401639

**Charging system with update of information**

Patent Assignee: SONY CORP (SONY )

Inventor: YODO F

Number of Countries: 025 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200029996	A1	20000525	WO 99JP6424	A	19991117	200049 B
JP 2000148861	A	20000530	JP 98327019	A	19981117	200049
EP 1071031	A1	20010124	EP 99972334	A	19991117	200107
			WO 99JP6424	A	19991117	
CN 1293786	A	20010502	CN 99804141	A	19991117	200143
KR 2001034011	A	20010425	KR 2000707605	A	20000710	200164
US 20010047318	A1	20011129	US 2000600509	A	20000717	200202
			US 2001923702	A	20010807	
US 20010047317	A1	20011129	US 2000600509	A	20000717	200202
			US 2001923618	A	20010807	

Priority Applications (No Type Date): JP 98327019 A 19981117

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 WO 200029996 A1 J 77 G06F-017/60  
 Designated States (National): CN IN KR SG US  
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
 MC NL PT SE  
 JP 2000148861 A 24 G06F-017/60  
 EP 1071031 A1 E G06F-017/60 Based on patent WO 200029996  
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
 LU MC NL PT SE  
 CN 1293786 A G06F-017/60  
 KR 2001034011 A G06F-017/6011  
 US 20010047318 A1 G06F-017/60 Div ex application US 2000600509  
 US 20010047317 A1 G06F-017/60 Div ex application US 2000600509

Abstract (Basic): WO 200029996 A1

NOVELTY - Point memory (45) of recording/reproducing device (10) holds charging point information. HDD (15) holds information sent from external source. CPU (11) updates charging point information stored in point memory (45) when **information sent** is stored in HDD (15), and **updates attributes of information sent**. Thus it is not necessary to communicate with delivery/charging center each time **information is sent** to recording/reproducing device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for terminal to communicate with charging center and data processing method.

USE - Charging system.

ADVANTAGE - Not necessary to communicate with delivery/charging center each time information is sent to recording/reproducing device.

DESCRIPTION OF DRAWING(S) - Block diagram of charging system.

Recording/reproducing device (10)

CPU (11)

HDD (15)

Point memory (45)

pp; 77 DwgNo 3/15

Title Terms: CHARGE; SYSTEM; UPDATE; INFORMATION

Derwent Class: T01; W02

International Patent Class (Main): G06F-017/60 ; G06F-017/6011

International Patent Class (Additional): G10K-015/04; G11B-020/10

File Segment: EPI

17/5/15 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013023871 \*\*Image available\*\*

WPI Acc No: 2000-195722/200017

XRFX Acc No: N00-144762

**Mailing/shipping software modification method, involves sending activation information from service provider terminal in response to modification request of feature**

Patent Assignee: VAGHI FAMILY INTELLECTUAL PROPERTIES LLC (VAGH-N); VAGHI N (VAGH-I)

Inventor: VAGHI N R; VAGHI N

Number of Countries: 021 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200008605	A1	20000217	WO 99US17518	A	19990803	200017 B
US 6047273	A	20000404	US 98129122	A	19980804	200024

Priority Applications (No Type Date): US 98129122 A 19980804

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200008605 A1 E 41 G07B-017/00

Designated States (National): CA JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
 MC NL PT SE

US 6047273 A G07B-017/00



Abstract (Basic): WO 200008605 A1

NOVELTY - A particular feature is selected from mailing/shipping program at a customer **terminal** and a request for **modification** of the selected **feature** is sent to service provider **terminal**. In response to the request, activation **information** is **sent** from the service provider **terminal** to the customer **terminal**, where the **feature** is **modified**.

DETAILED DESCRIPTION - The features in the mailing/shipping program include the mailing/shipping function, rate table, an **accounting** feature and mailing/shipping system hardware component. Modification of the feature is done only if the activation information is valid. An INDEPENDENT CLAIM is also included for the system for automatically modifying mailing/shipping software.

USE - For remotely providing mailing/shipping services e.g. monitoring, allocating and managing shipping costs etc, to customers.

ADVANTAGE - Automatically updates mailing/shipping software, thereby, eliminating the need for an on-site visit from service provider technician. The features are activated either at the time of installation of the software or at some time later.

DESCRIPTION OF DRAWING(S) - The figure shows the automatic mailing/shipping software modification.

pp; 41 DwgNo 3/4

Title Terms: MAIL; SHIPPING; SOFTWARE; MODIFIED; METHOD; SEND; ACTIVATE;

INFORMATION; SERVICE; TERMINAL; RESPOND; MODIFIED; REQUEST; FEATURE

Derwent Class: T01

International Patent Class (Main): G07B-017/00

International Patent Class (Additional): G06F-009/445

File Segment: EPI

17/5/16 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011786132 \*\*Image available\*\*

WPI Acc No: 1998-203042/199818

XRPX Acc No: N98-161752

**Information utilisation management system e.g. for CD- ROM, floppy disk - registers write-in information along with utilisation information and log information in registration unit provided in terminal**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10055390	A	19980224	JP 96227673	A	19960809	199818 B

Priority Applications (No Type Date): JP 96227673 A 19960809

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10055390	A	14	G06F-017/60	

Abstract (Basic): JP 10055390 A

The system is connected to a set of terminals (10) which are connected through a network (100). Write-in information provided in a registration unit (70) is transmitted to the terminals through a general management unit (60). The transmitted information is stored in a buffer (12) of the **terminal** and displayed by a display unit (11). An edit unit (13) is used to **alter** the utilisation **state** of **transmitted information** based on predefined utilisation conditions.

Log information representing utilisation information are transmitted to the general management unit along with write-in information. Then, new write-in information containing utilisation information and log information along with write-in information is transmitted to the terminal. The transmitted information are registered in the registration unit.

ADVANTAGE - Enhances user's interest.

Dwg.1/11

Title Terms: INFORMATION; UTILISE; MANAGEMENT; SYSTEM; CD; ROM; FLOPPY;

DISC; REGISTER; WRITING; INFORMATION; UTILISE; INFORMATION; LOG;  
INFORMATION; REGISTER; UNIT; TERMINAL  
Index Terms/Additional Words: MULTIMEDIA  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
International Patent Class (Additional): G06F-001/00; G06F-013/00;  
G06F-015/00  
File Segment: EPI

17/5/17 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011286197 \*\*Image available\*\*  
WPI Acc No: 1997-264102/199724  
XRPX Acc No: N97-218438

**Communication information providing system using videotex network - has execution prohibition part which forbids execution of information providing service by information providing terminal when billing information from account centre is not received**

Patent Assignee: BROTHER KOGYO KK (BRER ); XING INC (XING-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9091348	A	19970404	JP 95246124	A	19950925	199724 B

Priority Applications (No Type Date): JP 95246124 A 19950925  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 9091348 A 18 G06F-017/60

Abstract (Basic): JP 9091348 A

The system includes an information providing terminal which offers an information providing service based on specific **account** information stored in **accounts** state memory. An **accounts** centre performs the billing to the **terminal** by **transmitting** a billing **information** to the **terminal**. An **account** state memory **updates** the current **accounts** corresponding to the settlements of the bill.

An execution permission part permits the execution of information providing service based on the **accounts** information stored in the **accounts** state memory. An execution prohibition part forbids execution of information providing service by the information providing terminal when the billing information is not received from the **accounts** centre, even when execution permission part permits execution of information providing service.

ADVANTAGE - Prevents execution of information providing service when billing information is not received by information providing terminal from **accounts** centre.

Dwg.2/11

Title Terms: COMMUNICATE; INFORMATION; SYSTEM; VIDEOTEX; NETWORK; EXECUTE; PROHIBIT; PART; EXECUTE; INFORMATION; SERVICE; INFORMATION; TERMINAL; BILL; INFORMATION; **ACCOUNT** ; CENTRE; RECEIVE  
Index Terms/Additional Words: KARAOKE; COMMUNICATION; SYSTEM  
Derwent Class: P86; T01; W01; W02  
International Patent Class (Main): G06F-017/60  
International Patent Class (Additional): G10K-015/04; H04M-011/08;  
H04M-015/00; H04N-007/16  
File Segment: EPI; EngPI

17/5/18 (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010893446 \*\*Image available\*\*  
WPI Acc No: 1996-390397/199639  
XRPX Acc No: N96-328960

**Simulation appts. for operating system for verifying operating process definition information - passing control from node to node using process definition data, and updating node attribute data before transition to next node**

Patent Assignee: HITACHI LTD (HITA )  
Inventor: ISE H; IWASA M; KONDOH H; NEMOTO H  
Number of Countries: 002 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8190587	A	19960723	JP 95506	A	19950106	199639 B
US 5887154	A	19990323	US 96582628	A	19960104	199919
US 5999724	A	19991207	US 96582628	A	19960104	200004
			US 99257499	A	19990225	

Priority Applications (No Type Date): JP 95506 A 19950106

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8190587	A		10	G06F-017/60	
US 5999724	A			G06F-009/455	Cont of application US 96582628 Cont of patent US 5887154
US 5887154	A			G06F-009/455	

Abstract (Basic): JP 8190587 A

The simulation system for an operation system **updates attribute** values for work-flow management at each design system **node** . The attribute data is used to determine the **transfer of data** to a subsequent **node** .

A work or production node and a control node are used to define an operating process. a memory stores the operating process definition information. Dummy data is input with reference to the process definition information, and a flow control device passes control to a subsequent node on processing the data at the production node.

ADVANTAGE - Enables verification of data flow in operating system.

Dwg.2/8

Title Terms: SIMULATE; APPARATUS; OPERATE; SYSTEM; VERIFICATION; OPERATE; PROCESS; DEFINE; INFORMATION; PASS; CONTROL; NODE; NODE; PROCESS; DEFINE; DATA; UPDATE; NODE; ATTRIBUTE; DATA; TRANSITION; NODE

Derwent Class: T01

International Patent Class (Main): G06F-009/455; **G06F-017/60**

File Segment: EPI

**17/5/19 (Item 15 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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010667292 \*\*Image available\*\*

WPI Acc No: 1996-164246/199617

XRPX Acc No: N96-137789

**Terminal environment changing system for on-line system in income management - updates functions of POS terminal unit on management terminal side**

Patent Assignee: NEC CORP (NIDE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8044669	A	19960216	JP 94178840	A	19940729	199617 B

Priority Applications (No Type Date): JP 94178840 A 19940729

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8044669	A		7	G06F-015/00	

Abstract (Basic): JP 8044669 A

The system has a function classification information storage unit (1b) in a management terminal equipment (1). The unit stores the function classification information as environment change information. The resources required for system build up are managed as environment

change information.

A storage unit (1c) stores the resources information according to **terminal** ability. The point of sale (POS) **terminal** equipment is updated and the resources **information** is **transmitted**. A renewal unit (1a) manages the environment **change** completion **state** based on the response from the POS **terminals**.

ADVANTAGE - Simplifies on-line system. Mitigates work.

Dwg.2/6

Title Terms: TERMINAL; ENVIRONMENT; CHANGE; SYSTEM; ON-LINE; SYSTEM; INCOME  
; MANAGEMENT; UPDATE; FUNCTION; POS; TERMINAL; UNIT; MANAGEMENT; TERMINAL  
; SIDE

Derwent Class: T01; T05

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G06F-013/00; **G06F-017/60** ;

G07G-001/14

File Segment: EPI

**17/5/20 (Item 16 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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009755410 \*\*Image available\*\*

WPI Acc No: 1994-035261/199404

Related WPI Acc No: 1998-311831; 2000-586033

SRPX Acc No: N94-027392

**Single chip IC appts. for video instruction set computing - has  
functional units to handle communication, bandwidth adaption, application  
control, multimedia management and universal video encoding**

Patent Assignee: SHAW S M (SHAW-I); SHAW V M (SHAW-I)

Inventor: SHAW S M; SHAW V M

Number of Countries: 037 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9401824	A1	19940120	WO 93US5863	A	19930617	199404 B
AU 9347686	A	19940131	AU 9347686	A	19930617	199422
GB 2284525	A	19950607	WO 93US5863	A	19930617	199526
			GB 95137	A	19950105	
US 5457780	A	19951010	US 91686773	A	19910417	199546
			US 92909312	A	19920706	
GB 2284525	B	19960320	WO 93US5863	A	19930617	199615
			GB 95137	A	19950105	
US 5611038	A	19970311	US 91686773	A	19910417	199716 N
			US 94297409	A	19940829	
AU 677791	B	19970508	AU 9347686	A	19930617	199727
CA 2139660	C	20000314	CA 2139660	A	19930617	200032
			WO 93US5863	A	19930617	

Priority Applications (No Type Date): US 92909312 A 19920706; US 91686773 A 19910417; US 94297409 A 19940829

Cited Patents: 5.Jnl.Ref; EP 109038; WO 9001195

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9401824 A1 E 116 G06F-015/21

Designated States (National): AT AU BB BG BR CA CH DE DK ES FI GB HU JP  
KP KR LK LU MG MN MW NL NO PL RO RU SD SE US

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL  
OA PT SE

AU 9347686	A		G06F-015/21	Based on patent WO 9401824
GB 2284525	A	1	G06T-001/00	Based on patent WO. 9401824
US 5457780	A	17	G06F-017/00	CIP of application US 91686773
GB 2284525	B	1	G06T-001/00	Based on patent WO 9401824
US 5611038	A	86	G06T-001/20	Cont of application US 91686773
AU 677791	B		G06F-015/62	Previous Publ. patent AU 9347686
				Based on patent WO 9401824
CA 2139660	C E		G06T-001/20	Based on patent WO 9401824

Abstract (Basic): WO 9401824 A

The single chip integrated circuit system includes functional units based on Video-Instruction-Set-Computing(VISC). The chip includes a number of functional units. A scalable formatter element handles arbitrary external video formats and adapt to internal formats **accounting** for available bandwidth. Video data blocks are held in a smart memory. The circuit also has an embedded RISC or CISC co-processor element to support DOS etc.

Using a real-time object-oriented operating system with concurrent execution of application and VISC the unit provides processing for interactive video, HDTV and multimedia communications.

ADVANTAGE - Provides a scalable integrated computing architecture for digital or algorithmic complex data types.

Dwg.1/4

Title Terms: SINGLE; CHIP; IC; APPARATUS; VIDEO; INSTRUCTION; SET; COMPUTATION; FUNCTION; UNIT; HANDLE; COMMUNICATE; BANDWIDTH; ADAPT; APPLY ; CONTROL; MANAGEMENT; UNIVERSAL; VIDEO; ENCODE

Derwent Class: T01; U13; W04

International Patent Class (Main): G06F-015/21; G06F-015/62; G06F-017/00; G06T-001/00; G06T-001/20

International Patent Class (Additional): G06T-001/60; H04N-007/015

File Segment: EPI

1/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06968255 \*\*Image available\*\*  
RECORDING/REPRODUCING DEVICE AND METHOD

PUB. NO.: 2001-195825 [JP 2001195825 A]  
PUBLISHED: July 19, 2001 (20010719)  
INVENTOR(s): ARAI YOSHIYUKI  
KUMAGAI TAKASHI  
INAI HAJIME  
SATO HIROAKI  
YODO FUMITAKE  
OYAMA MASAMI  
APPLICANT(s): SONY CORP  
APPL. NO.: 2000-272063 [JP 2000272063]  
FILED: September 07, 2000 (20000907)  
PRIORITY: 11-309482 [JP 99309482], JP (Japan), October 29, 1999  
(19991029)  
INTL CLASS: G11B-020/10

#### ABSTRACT

PROBLEM TO BE SOLVED: To perform the high speed recording of data recorded on a CD to an HDD, while reproducing the data at a specified speed, which are read out from the CD.

SOLUTION: PCM data in the amount of e.g. 10 sec of reproducing time are read out from the CD and stored in a memory (SEQ 70). The data are properly read out from the memory (SEQ 71) and converted to analog audio signals by a D/A converter then outputted. Meanwhile, the data for recording are read out from the CD succeeding to the read-out for reproduction and stored in the memory (SEQ 80). The data read out from the memory (SEQ 81) are compressively encoded by an encoder and stored in the memory (SEQ 82). These data are read out from the memory (SEQ 83) at a recording unit of the HDD and recorded to the HDD. The processing of the SEQ 71 is most preferentially made, and when the amount of the data for reproduction stored in the memory becomes the prescribed amount or smaller, the interruption is made to the recording processing, then the next reproducing data are read out from the CD and stored in the memory (SEQ 72).

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1/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06563118 \*\*Image available\*\*  
CHARGING SYSTEM AND TERMINAL DEVICE

PUB. NO.: 2000-148861 [JP 2000148861 A]  
PUBLISHED: May 30, 2000 (20000530)  
INVENTOR(s): YODO FUMITAKE  
APPLICANT(s): SONY CORP  
APPL. NO.: 10-327019 [JP 98327019]  
FILED: November 17, 1998 (19981117)  
INTL CLASS: G06F-017/60; G10K-015/04; G11B-020/10

#### ABSTRACT

PROBLEM TO BE SOLVED: To build an appropriate simple charging system for information to be distributed with charged.

SOLUTION: On terminal equipment side, a point value is held as charging point information and consumed correspondingly to the input (purchase) of pay information. Actual charging processing is made to be executed at a

charging center by periodically transmitting the charging point information to the charging center at certain points of time. In a word, the charging center executes the charging processing in accordance with the information purchasing fee of each user which can be discriminated from the charging point information.

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1/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

06387204 \*\*Image available\*\*  
TERMINAL DEVICE AND REPRODUCTION METHOD

PUB. NO.: 11-328851 [JP 11328851 A]  
PUBLISHED: November 30, 1999 (19991130)  
INVENTOR(s): YODO FUMITAKE  
ARAMAKI JUNICHI  
APPLICANT(s): SONY CORP  
APPL. NO.: 10-136472 [JP 98136472]  
FILED: May 19, 1998 (19980519)  
INTL CLASS: G11B-020/10; G11B-019/04

#### ABSTRACT

PROBLEM TO BE SOLVED: To shorten a data transmission time and to enable smooth accounting by transmitting an authentication signal to an information center and reproducing the program recorded at a recording medium after the permission signal as a result of the authentication made on the information center side is received.

SOLUTION: A user terminal 52 sends the data of TOC of a disk 51 inserted into an MD recording/reproducing device 53 to a server 55 making communication via a communication network 54. The user terminal 52 displays the number of music, music order, music name, etc., of the disk 51 sent by the server 55 according to the management number in the data, selects the music data and sends the data to the server 55. The server 55 forms the U-TOC data which enables the reproduction of the music data and sends the data to the user terminal 52. The user terminal 52 is able to reproduce the musical piece desired to purchase by using this data. As a result, the downloading of the music data at a high speed is made possible and the smooth execution of the accounting is made possible. The prevention of illicit use is made possible.

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1/5/4 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014311025 \*\*Image available\*\*  
WPI Acc No: 2002-131727/200218  
XRPX Acc No: N02-099291

**Recording-reproduction apparatus controls write-in of compressed data reproduced from delivered CD data into e.g. flash memory or hard disk at higher data rate than CD speed so that playback unit reproduce compressed data after decompression**

Patent Assignee: SONY CORP (SONY )  
Inventor: ARAI T; INAI H; KUMAGAI T; OYAMA M; SATO H; YODO F  
Number of Countries: 005 Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10053732	A1	20010503	DE 1053732	A	20001030	200218 B
KR 2001040207	A	20010515	KR 200063564	A	20001027	200218
CN 1312556	A	20010912	CN 2000137162	A	20001027	200218

GB 2359919 A 20010905 GB 200026387 A 20001027 200218  
 JP 2001195825 A 20010719 JP 2000272063 A 20000907 200218

Priority Applications (No Type Date): JP 2000272063 A 20000907; JP 99309482  
 A 19991029

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10053732	A1	128		G11B-020/10	
KR 2001040207	A			G11B-020/10	
CN 1312556	A			G11B-020/10	
GB 2359919	A			G11B-020/00	
JP 2001195825	A	57		G11B-020/10	

Abstract (Basic): DE 10053732 A1

NOVELTY - A processing unit compresses the delivered CD data reproduced into MPEG format or ATRAC format. The compressed data from the processing unit is stored in flash memory or hard disk. A decompressing unit decompresses stored data. A control unit controls the write-in of compressed data into the flash memory or hard disk so that playback unit reproduces decompressed data in a preset order.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for recording-reproduction method.

USE - Recording-reproduction apparatus connected to Internet server for recording audio data reproduced from music compact disk (CD), CD-ROM, into hard disk drive. Also for connecting set top box for CATV, satellite radio broadcasting terminal to music server via interface.

ADVANTAGE - Avoids user having to wait for download of music to complete before starting to listen to it, by delaying final write process.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of Recording-reproduction apparatus.

pp; 128 DwgNo 1/45

Title Terms: RECORD; REPRODUCE; APPARATUS; CONTROL; WRITING; COMPRESS; DATA; REPRODUCE; DELIVER; CD; DATA; FLASH; MEMORY; HARD; DISC; HIGH; DATA; RATE; CD; SPEED; SO; PLAYBACK; UNIT; REPRODUCE; COMPRESS; DATA; AFTER; DECOMPRESS

Derwent Class: T03

International Patent Class (Main): G11B-020/00; G11B-020/10

File Segment: EPI

1/5/5 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013371007 \*\*Image available\*\*

WPI Acc No: 2000-542946/200049

XRPX Acc No: N00-401639

**Charging system with update of information**

Patent Assignee: SONY CORP (SONY )

Inventor: YODO F

Number of Countries: 025 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200029996	A1	20000525	WO 99JP6424	A	19991117	200049 B
JP 2000148861	A	20000530	JP 98327019	A	19981117	200049
EP 1071031	A1	20010124	EP 99972334	A	19991117	200107
			WO 99JP6424	A	19991117	
CN 1293786	A	20010502	CN 99804141	A	19991117	200143
KR 2001034011	A	20010425	KR 2000707605	A	20000710	200164
US 20010047318	A1	20011129	US 2000600509	A	20000717	200202
			US 2001923702	A	20010807	
US 20010047317	A1	20011129	US 2000600509	A	20000717	200202
			US 2001923618	A	20010807	

Priority Applications (No Type Date): JP 98327019 A 19981117

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200029996 A1 J 77 G06F-017/60  
 Designated States (National): CN IN KR SG US  
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
 MC NL PT SE  
 JP 2000148861 A 24 G06F-017/60  
 EP 1071031 A1 E G06F-017/60 Based on patent WO 200029996  
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
 LU MC NL PT SE  
 CN 1293786 A G06F-017/60  
 KR 2001034011 A G06F-017/6011  
 US 20010047318 A1 G06F-017/60 Div ex application US 2000600509  
 US 20010047317 A1 G06F-017/60 Div ex application US 2000600509

Abstract (Basic): WO 200029996 A1

NOVELTY - Point memory (45) of recording/reproducing device (10) holds charging point information. HDD (15) holds information sent from external source. CPU (11) updates charging point information stored in point memory (45) when information sent is stored in HDD (15), and updates attributes of information sent. Thus it is not necessary to communicate with delivery/charging center each time information is sent to recording/reproducing device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for terminal to communicate with charging center and data processing method.

USE - Charging system.

ADVANTAGE - Not necessary to communicate with delivery/charging center each time information is sent to recording/reproducing device.

DESCRIPTION OF DRAWING(S) - Block diagram of charging system.

Recording/reproducing device (10)

CPU (11)

HDD (15)

Point memory (45)

pp; 77 DwgNo 3/15

Title Terms: CHARGE; SYSTEM; UPDATE; INFORMATION

Derwent Class: T01; W02

International Patent Class (Main): G06F-017/60; G06F-017/6011

International Patent Class (Additional): G10K-015/04; G11B-020/10

File Segment: EPI

1/5/6 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012908538 \*\*Image available\*\*

WPI Acc No: 2000-080374/200007

XRPX Acc No: N00-063639

**Program reproduction authentication unit for music delivery system - approves and enables reproduction of program currently recorded to recording medium, based on authentication signal sent to information center**

Patent Assignee: SONY CORP (SONY )

Inventor: ARAMAKI J; YODO F

Number of Countries: 023 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 11328851	A	19991130	JP 98136472	A	19980519	200007	B
WO 9960569	A1	19991125	WO 99JP2602	A	19990519	200007	
EP 1030301	A1	20000823	EP 9921169	A	19990519	200041	
			WO 99JP2602	A	19990519		
CN 1274460	A	20001122	CN 99801176	A	19990519	200116	
KR 2001021828	A	20010315	KR 2000700392	A	20000113	200159	

Priority Applications (No Type Date): JP 98136472 A 19980519

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 11328851 A 15 G11B-020/10

WO 9960569 A1 J G11B-020/10

Designated States (National): CN IN KR US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

EP 1030301 A1 E G11B-020/10 Based on patent WO 9960569

Designated States (Regional): DE FR GB

CN 1274460 A G11B-020/10

KR 2001021828 A G11B-020/10

Abstract (Basic): JP 11328851 A

NOVELTY - A transmitter transmits authentication signal to an information center via a communication network. A receiver receives the enable signal and approves and enables reproduction of program currently recorded to a recording medium, based on authentication signal. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for reproduction procedure.

USE - For music delivery system.

ADVANTAGE - Signal which prohibits reproduction and regeneration of a disc is canceled, thus data transfer time is shortened. Enables to download music data at high speed and account process can be performed smoothly. Inaccurate usage can be prevented reliably. DESCRIPTION OF

DRAWING(S) - The figure shows music delivery system.

Dwg.2/16

Title Terms: PROGRAM; REPRODUCE; AUTHENTICITY; UNIT; MUSIC; DELIVER; SYSTEM  
; ENABLE; REPRODUCE; PROGRAM; CURRENT; RECORD; RECORD; MEDIUM; BASED;  
AUTHENTICITY; SIGNAL; SEND; INFORMATION

Derwent Class: T03; W02

International Patent Class (Main): G11B-020/10

International Patent Class (Additional): G11B-019/04

File Segment: EPI

?

Set	Items	Description
S1	0	AU=(YODO, F? OR YODO F?)
S2	2278258	NETWORK? OR INTERNET OR INTRANET OR EXTRANET OR ONLINE OR - ON()LINE OR WEB? OR WWW OR LAN OR WAN OR ELECTRONIC? OR COMPU- TERI? OR AUTOMATE? OR SERVER? OR HOMEPAGE? OR HOME()PAGE?
S3	382381	TERMINAL? ? OR NODE OR NODES OR PC OR CPU
S4	3107991	INFO OR INFORMATION OR DATA
S5	751376	ACCOUNT?
S6	1171785	TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL- OAD?
S7	1882111	SYNC? OR UPDAT? OR UP() (DATE? OR DATING) OR MODIF? OR ALTE- R??? OR CHANG???
S8	4102911	STATE? ? OR STATUS OR ATTRIBUT? OR FEATURE? OR MODE OR MOD- ES
S9	71448	S7(5N)S8
S10	106657	S4(7N)S6
S11	669	S9 AND S10
S12	190	S11(15N) (S2 OR S3)
S13	155	S12 NOT PY>1998
S14	6	S13 AND S5
S15	233	S9(20N)S10
S16	54	S15(12N) (S2 OR S3)
S17	42	S16 NOT PY>1998
S18	42	RD (unique items)
S19	48	S18 OR S14

?show files

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*Considered 9/7 4/9/0*

19/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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6147806 INSPEC Abstract Number: C1999-03-6180-006

**Title: Rocinante, a virtual collaborative visualizer**

Author(s): McDonald, M.J.; Ice, L.G.

Author Affiliation: Intelligent Syst. & Robotics Center, Sandia Nat. Labs., Albuquerque, NM, USA

Conference Title: Proceedings of the ANS Seventh Topical Meeting on Robotics and Remote Systems Part vol.2 p.742-7 vol.2

Publisher: ANS, La Grange Park, IL, USA

Publication Date: 1997 Country of Publication: USA 2 vol. xvi+1177 pp.

ISBN: 0 89448 617 9 Material Identity Number: XX-1999-00013

Conference Title: Proceedings of the American Nuclear Society Seventh Topical Meeting on Robotics and Remote Systems

Conference Sponsor: American Nucl. Soc.; Assoc. Robotics in Hazardous Environ.; IEEE; Savannah River Technol. Center; Utilities/Manuf. Robot Users Group

Conference Date: 27 April-1 May 1997 Conference Location: Augusta, GA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Experimental (X)

Abstract: Sandia National Laboratories Intelligent Systems and Robotics Center is developing new virtual collaborative engineering (VCE) and virtual collaborative control (VCC) technologies. A key area of VCE and VCC research is shared visualization of virtual environments. This paper describes a virtual collaborative visualizer (VCV), named Rocinante, that Sandia developed for VCE and VCC applications. Rocinante allows multiple participants to simultaneously view dynamic geometrically defined environments. Each viewer can exclude extraneous detail or include additional information in the scene as desired. Shared information can be saved and later replayed in a stand-alone mode. Rocinante automatically scales visualization requirements with computer system capabilities. In its **networked mode**, Rocinante **synchronizes** its local geometric model with remote simulators and sensory systems by monitoring **data transmitted** through UDP packets. Currently, device positions and device "joint" or kinematic values are shared. (13 Refs)

Subfile: C

Descriptors: data visualisation; remote sensing; solid modelling; synchronisation; telerobotics; virtual reality

Identifiers: Rocinante; virtual collaborative visualizer; Sandia National Laboratories Intelligent Systems and Robotics Center; virtual collaborative engineering; virtual collaborative control; information sharing; synchronization; geometric model; kinematic values; telerobotics

Class Codes: C6180 (User interfaces); C6130V (Virtual reality); C6130B (Graphics techniques); C3390T (Telerobotics); C5540B (Interactive-input devices); C7420 (Control engineering computing)

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19/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6147362 INSPEC Abstract Number: C1999-03-3390T-003

**Title: Synergy in cyberspace: intelligent control of software and hardware components in robotic systems**

Author(s): Lopota, V.A.

Author Affiliation: Central Res. & Dev., Inst. of Robotics & Tech. Cybern., St. Petersburg, Russia

Conference Title: IECON '98. Proceedings of the 24th Annual Conference of the IEEE Industrial Electronics Society (Cat. No.98CH36200) Part vol.1 p.113-14 vol.1

Publisher: IEEE, New York, NY, USA

Publication Date: 1998 Country of Publication: USA 4 vol. xxix+2635 pp.

ISBN: 0 7803 4503 7      Material Identity Number: XX-1998-02833  
U.S. Copyright Clearance Center Code: 0 7803 4503 7/98/\$10.00  
Conference Title: IECON '98. Proceedings of the 24th Annual Conference of  
the IEEE Industrial Electronics Society  
Conference Sponsor: IEEE Ind. Electron. Soc.; Eur. Centre for  
Mechatronics; Soc. Instrum. & Control Eng. Japan (SICE)  
Conference Date: 31 Aug.-4 Sept. 1998      Conference Location: Aachen,  
Germany

Language: English      Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: An application of the new physical principles for a construction of the measuring and executing devices in robotic and industrial systems together with a development of intelligent control means create a basis for the appearance of new cybernetic systems. However, a synergy effect of such developments will be achieved only in the case when developed devices form a united system via a multipurpose network infrastructure to ensure information interaction with control components, with operators or other network devices. Such an infrastructure has to be designed on the basis of an adaptive model of the **network** interaction that takes into consideration the **changes** of the **data transmission** medium **states** to provide required parameters of the **network** service: transmission time, capacity, etc. Such expansion of the functional possibilities permits to expand the information and control means of the developed devices essentially and to consider them as components of the united cyberspace. From the point of view of the control methods, the metrics of such space has the dimension of time and describes the dynamics of the processes of information transmission between its components. The examples of the development of new measuring and executing devices equipped with network interaction means are considered in this paper. The various aspects of the information infrastructure design with the goal of intelligent robotics development are also analyzed. (0 Refs)

Subfile: C

Descriptors: centralised control; cybernetics; intelligent control; telerobotics

Identifiers: cyberspace synergy; robotic systems; intelligent control integration; executing devices; measuring devices; software; hardware; multipurpose network infrastructure; intelligent robotics development; transmission time; transmission capacity; control methods

Class Codes: C3390T (Telerobotics); C3250 (Telecontrol and telemetering components); C1340 (Specific control systems); C7420 (Control engineering computing); C6170 (Expert systems and other AI software and techniques)

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19/5/3      (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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6116328      INSPEC Abstract Number: B9902-6260F-006, C9902-5620L-003

**Title: Optical data communication: fundamentals and future directions**

Author(s): DeCusatis, C.

Author Affiliation: IBM Corp., Poughkeepsie, NY, USA

Journal: Optical Engineering      vol.37, no.12      p.3082-99

Publisher: SPIE,

Publication Date: Dec. 1998      Country of Publication: USA

CODEN: OPEGAR      ISSN: 0091-3286

SICI: 0091-3286(199812)37:12L:3082:ODCF;1-W

Material Identity Number: 0036-98011

U.S. Copyright Clearance Center Code: 0091-3286/98/\$10.00

Document Number: S0091-3286(98)01412-3

Language: English      Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

Abstract: An overview of optical data communications is provided, beginning with a brief history and discussion of the unique requirements that distinguish this subfield from related areas such as telecommunications. Each of the major datacom standards is then discussed, including the physical layer specification, distances and data rates, fiber and connector types, data frame structures, and network considerations.

These standards can be categorized by their prevailing applications, either storage [Enterprise System Connection (ESCON), Fiber Channel Connection (FICON), and Fibre Channel], coupling (Fibre Channel), or **networking** [Fiber Distributed Data Interface (FDDI), Gigabit Ethernet, and asynchronous **transfer mode** / **synchronous optical network** (ATM/SONET)]. We also present some emerging technologies and their applications, including parallel optical interconnects, plastic optical fiber, wavelength multiplexing, and free-space optical links. We conclude with some cost/performance trade-offs and predictions of future bandwidth trends. (38 Refs)

Subfile: B C

Descriptors: asynchronous transfer mode; cost-benefit analysis; data communication; FDDI; optical fibre LAN; optical fibre networks; optical interconnections; optical links; reviews; SONET; technological forecasting; telecommunication standards; wavelength division multiplexing

Identifiers: overview; optical data communications; future directions; fundamentals; brief history; datacom standards; physical layer specification; distances; data rates; fiber types; connector types; data frame structures; network consideration; storage; Enterprise System Connection; ESCON; Fiber Channel Connection; FICON; Fibre Channel; coupling; networking; Fiber Distributed Data Interface; FDDI; asynchronous transfer mode/synchronous optical network; ATM/SONET; emerging technologies; parallel optical interconnects; plastic optical fiber; wavelength multiplexing; free-space optical links; gigabit ethernet standard; cost/performance trade-offs; bandwidth trends

Class Codes: B6260F (Optical fibre networks); B6260S (Free-space optical links); B6210L (Computer communications); B6150C (Communication switching); B6230 (Switching centres and equipment); C5620L (Local area networks); C5640 (Protocols)

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19/5/4 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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6033590 INSPEC Abstract Number: B9811-6430-004, C9811-6130M-018

**Title: A perceived quality of service optimization for video communication in 'best-effort' networks**

Author(s): Bolla, R.; Iskra, A.; Marchese, M.; Zappatore, S.

Author Affiliation: Dept. of Commun. Comput. & Syst., Genoa Univ., Italy

Conference Title: Multimedia Applications, Services and Techniques - ECMAST'98. Third European Conference. Proceedings p.366-79

Editor(s): Hutchison, D.; Schafer, R.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1998 Country of Publication: Germany xvi+532 pp.

ISBN: 3 540 64594 2 Material Identity Number: XX98-01493

Conference Title: Multimedia Applications, Services and Techniques - ECMAST '98 Third European Conference Proceedings

Conference Date: 26-28 May 1998 Conference Location: Berlin, Germany

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

**Abstract:** A congestion control mechanism is presented, aimed at increasing performances for multimedia traffic in "best effort" networks. A source-destination point-to-point video communication is investigated. The control algorithm dynamically varies the encoder configuration on the base of some feedback information from the destination. The selection of the proper configuration is performed by a control block called "smart coder" which, after receiving the feedback **information**, can change the **transmission** rate to optimize the level of Quality of Service (QoS) perceived by the user for a certain **network status**. The **change** of the transmission rate is performed by acting on coding parameters as the type of video coder, the spatial resolution, the frame rate and so on, formally defined in the paper. Feedback information is based on the measure of the average rate of the lost packets, but since this measure cannot give information about underload condition, a specifically designed probing mechanism, based on the introduction of a redundancy in the video flow, is used. A relevant part of the paper is dedicated to the analysis of the

results: the efficiency of the control scheme is tested in a local environment based on the Ethernet protocol. (16 Refs)

Subfile: B C

Descriptors: local area networks; multimedia systems; packet switching; quality control; telecommunication congestion control; video coding; visual communication

Identifiers: perceived quality of service optimization; best-effort networks; congestion control mechanism; multimedia traffic; source-destination point-to-point video communication; control algorithm; encoder configuration; feedback information; control block; smart coder; transmission rate; Quality of Service; network status; coding parameters; video coder; spatial resolution; frame rate; lost packets; underload condition; probing mechanism; video flow; Ethernet protocol; local environment

Class Codes: B6430 (Television equipment, systems and applications); B6210R (Multimedia communications); B6120B (Codes); B6210L (Computer communications); B6150C (Communication switching); B6140C (Optical information, image and video signal processing); C6130M (Multimedia); C7410F (Communications computing); C7420 (Control engineering computing); C3370 (Control applications in telecommunications); C5620L (Local area networks); C5260B (Computer vision and image processing techniques)

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19/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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5835507 INSPEC Abstract Number: C9803-6130B-093

**Title: Dynamic optimisation of a distributed VR system by network-balancing**

Author(s): Demuyne, K.; Broeckhove, J.; Arickx, F.

Author Affiliation: Appl. Comput. Sci., Antwerp Univ., Belgium

Conference Title: Recent Advances in Parallel Virtual Machine and Message Passing Interface. 4th European PVM/MPI Users' Group Meeting. Proceedings p.443-50

Editor(s): Bubak, M.; Dongarra, J.; Wasniewski, J.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1997 Country of Publication: Germany xv+518 pp.

ISBN: 3 540 63697 8 Material Identity Number: XX97-02731

Conference Title: Recent Advances in Parallel Virtual Machine and Message Passing Interface. 4th European PVM/MPI Users Group Meeting. Proceedings

Conference Date: 3-5 Nov. 1997 Conference Location: Cracow, Poland

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: In a decentralised distributed VR system like VEplatform, processes are used to represent the entities of a virtual world. These processes are scattered arbitrarily on a heterogeneous network of computers. Even a viewer is regarded as an entity and is thus represented by a process. **Data** is **transmitted** from the ordinary entities to the viewers and updated regularly. Since the demand of **network** resources is particularly high, the system becomes very slow when the processes are badly located. In many cases, it would be appropriate to relocate processes to other hosts while the system is running. This implies that the process is relocated to another host without affecting the (possible changing) state of the data. Moreover there has to be a criterion that gives an optimal host for a particular process, taking into **account** the communication needs between the processes. The paper proposes such a criterion and evaluates the resulting distribution. (11 Refs)

Subfile: C

Descriptors: message passing; parallel programming; resource allocation; virtual machines; virtual reality

Identifiers: dynamic optimisation; distributed VR system; network balancing; decentralised distributed system; VEplatform; virtual world; heterogeneous network of computers; data transmission; network resources; optimal host; communication needs

Class Codes: C6130B (Graphics techniques); C6180 (User interfaces); C6110P (Parallel programming); C6150N (Distributed systems software); C5440

(Multiprocessing systems); C7430 (Computer engineering)  
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19/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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5467228 INSPEC Abstract Number: B9702-6150M-022

**Title: Adaptive digital access protocol: new features and performance improvements**

Author(s): Doshi, B.T.; Dravida, S.; Kustka, G.J.; Magill, P.D.; Siller, C.A., Jr.; Sriram, K.

Author Affiliation: Lucent Technol., AT&T Bell Labs., Holmdel, NJ, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)  
vol.2917 p.178-87

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 1996 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1996)2917L:178:ADAP;1-U

Material Identity Number: C574-96312

U.S. Copyright Clearance Center Code: 0 8194 2319 X/96/\$6.00

Conference Title: Broadband Access Systems

Conference Sponsor: SPIE

Conference Date: 19-22 Nov. 1996 Conference Location: Boston, MA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Applications (A)

Abstract: This paper reports on a broadband multiple access protocol for bi-directional hybrid fiber-coaxial (HFC) networks. Referred to here as the enhanced adaptive digital access protocol (ADAPT+/sup TM/), it builds upon earlier work to define a medium access control (MAC) protocol amenable to a multiple service environment supporting subscriber access in HFC networks with tree and branch topologies. ADAPT+ efficiently supports different access modes such as **synchronous transfer mode** (STM), **asynchronous transfer mode** (ATM), and variable length (VL) native **data** (e.g., IP, IPX). This enhanced protocol adapts to changing demands for a mix of circuit- and packet-mode applications, and efficiently allocates upstream and downstream bandwidth to isochronous and bursty traffic sources. This paper describes: ADAPT+ for upstream communication and multiplexing/demultiplexing for downstream communication; its applicability to STM, ATM and other native data applications; and performance attributes such as bandwidth efficiency and latency. (9 Refs)

Subfile: B

Descriptors: access protocols; asynchronous transfer mode; broadband networks; cable television; circuit switching; demultiplexing; multiplexing; network topology; optical fibre subscriber loops; packet switching; telecommunication traffic

Identifiers: adaptive digital access protocol; broadband multiple access protocol; bi-directional hybrid fiber-coaxial networks; HFC networks; access modes; medium access control; MAC protocol; multiple service environment; subscriber access; tree topologies; branch topologies; ADAPT+; synchronous transfer mode; CATV; ATM; variable length native data; circuit-mode applications; packet-mode applications; downstream bandwidth; upstream bandwidth; isochronous traffic sources; bursty traffic sources

Class Codes: B6150M (Protocols); B6260 (Optical links and equipment); B6220B (Subscriber loops); B6430D (CATV and wired systems)

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19/5/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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5256699 INSPEC Abstract Number: B9606-6210L-110, C9606-5620L-037

**Title: Behaviour of FDDI networks under heavy synchronous loads**

Author(s): Lason, A.



Author Affiliation: Dept. of Telecommun., AGH, Cracow, Poland  
Conference Title: Thirteenth Annual Conference on European Fibre Optic Communications and Networks. Proceedings Part vol.2 p.128-31 vol.2  
Publisher: AKM Messen, Basel, Switzerland  
Publication Date: 1995 Country of Publication: Switzerland 3 vol. (229+253+274) pp.

ISBN: 3 905084 38 4 Material Identity Number: XX96-00917  
Conference Title: Proceedings of 13th Annual Conference on European Fibre Optic Communications and Networks  
Conference Date: 27-30 June 1995 Conference Location: Brighton, UK  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)

Abstract: FDDI (fiber distributed data interface) is a high speed local area network of 100 Mbit/s data transmission rate. FDDI is a highly reliable and fault tolerant network. MAC (medium access control) protocol standardized by the American national standard institute (ANSI) enables **data transmission** in the FDDI network in two **modes**: **synchronous** and **asynchronous** with multiple priority levels. The performance of FDDI under mixed asynchronous and synchronous traffic was widely analyzed in the literature but nearly every paper assumed the flat distribution of load between all stations. In a real network a scenario with a separated multimedia server, like with MPEG encoded educational or promotional video materials, is often met. In such a case the traffic distribution, especially the distribution of synchronous traffic, could be very asymmetrical. This paper presents simulation results for a FDDI network which is loaded in this way. It is shown that a heavy load of one selected node causes unfair behaviour of the network. The mean access delay for asynchronous frames generated by the successor of the overloaded station is much higher than the others'. The mechanism which, in the author's opinion, is responsible for such a restrictive phenomenon is pointed out in the section describing the MAC protocol. Two solutions eliminating this effect are presented. The first one assumes a modification of the MAC protocol whereas the second one is based on tuning the operational network parameters. (13 Refs)

Subfile: B C

Descriptors: access protocols; ANSI standards; FDDI; optical fibre LAN; telecommunication congestion control; telecommunication traffic

Identifiers: FDDI networks; fiber distributed data interface; high speed local area network; MAC; medium access control protocol; American national standard institute; ANSI; asynchronous traffic; synchronous traffic; multimedia server; MPEG; mean access delay; overloaded station

Class Codes: B6210L (Computer communications); B6260 (Optical links and equipment); B6150M (Protocols); C5620L (Local area networks); C5640 (Protocols)

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19/5/8 (Item 8 from file: 2)

DIALOG(R) File 2:INSPEC

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5196536 INSPEC Abstract Number: B9604-6210M-005

**Title: An expandable time-division circuit switching LSI and network architecture for broadband ISDN**

Author(s): Kikuchi, S.; Yamanaka, N.

Author Affiliation: NTT Network Service Syst. Labs., Tokyo, Japan

Journal: IEEE Journal on Selected Areas in Communications vol.14, no.2 p.328-36

Publisher: IEEE,

Publication Date: Feb. 1996 Country of Publication: USA

CODEN: ISACEM ISSN: 0733-8716

SICI: 0733-8716(199602)14:2L:328:ETDC;1-M

Material Identity Number: D958-96002

U.S. Copyright Clearance Center Code: 0733-8716/96/\$05.00

Document Number: S0733-8716(96)00826-8

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: A broadband network architecture is proposed that integrates

multimedia services, such as data, video, and telephony information, using 52-Mb/s based STM-paths at the user network interface (UNI). The user can access any new service via the STM-based access **network** via either **synchronous transfer mode** (STM) switching or asynchronous transfer mode (ATM) switching. STM circuit switching supports long duration, constant bandwidth **data transfer** services such as video and high-definition television (HDTV) distribution and will also be used for the crossconnect system. Circuit switching can provide transparent transmission during long connection periods. This paper also proposes an expandable time-division switch architecture, an expandable time-division switching LSI, and an expandable switching module for small to large size system applications. The proposed time-division switching LSI, module, and system handle 52-Mb/s bearer signals and have throughputs of 2.4 Gb/s, 10 Gb/s, and 40 Gb/s, respectively. The time-division switch realizes video distribution with 1:n connections. Finally, a local switching node that features an expandable 52-Mb/s time-division circuit switching network is shown for multimedia access networking. (10 Refs)

Subfile: B

Descriptors: asynchronous transfer mode; B-ISDN; circuit switching; large scale integration; multimedia communication; network interfaces; subscriber loops; time division multiplexing; user interfaces

Identifiers: time-division circuit switching; local switching node; broadband ISDN; broadband network architecture; video; telephony; STM paths; user network interface; multimedia access networking; synchronous transfer mode; constant bandwidth data transfer services; asynchronous transfer mode; ATM switching; STM circuit switching; high-definition television; HDTV distribution; crossconnect system; expandable time-division switch architecture; bearer signals; expandable switching module; expandable time-division switching LSI; throughputs; 2.4 Mbit/s; 10 Mbit/s; 40 Mbit/s; 52 Mbit/s

Class Codes: B6210M (ISDN); B6230F (Integrated switching and transmission systems); B6210R (Multimedia communications); B6220B (Subscriber loops); B2570 (Semiconductor integrated circuits)

Numerical Indexing: bit rate 2.4E+06 bit/s; bit rate 1.0E+07 bit/s; bit rate 4.0E+07 bit/s; bit rate 5.2E+07 bit/s

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19/5/9 (Item 9 from file: 2)

DIALOG(R) File 2:INSPEC

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5033978 INSPEC Abstract Number: B9510-6260-098, C9510-7330-137

**Title: Assessment of ATM for transmission of medical images**

Author(s): Duerinckx, A.J.; Hagan, G.; Valentino, D.J.; Mankovich, N.J.; Hayrapetian, A.; Franco, R.; Grant, E.G.

Author Affiliation: Radiol. Service, Veterans Affairs Med. Center, LA, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.2451 p.345-59

Publication Date: 1995 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

U.S. Copyright Clearance Center Code: 0 8194 1802 1/95/\$6.00

Conference Title: Advanced Image and Video Communications and Storage Technologies

Conference Sponsor: SPIE: Eur. Opt. Soc

Conference Date: 20-23 March 1995 Conference Location: Amsterdam, Netherlands

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Applications (A); Practical (P); Experimental (X)

Abstract: The **transmission** of medical image **data** using asynchronous **transfer mode** (ATM) communication over a **synchronous** optical **network** (SONET) was evaluated. Key parameters and performance criteria of the ATM network were tested in order to assess the applicability of ATM technology to telemedicine. The ATM based network connection was provided by the local phone companies. The initial experiment will involve two of three

affiliated hospitals located within a 19 mile radius (the VA Medical Center, West Los Angeles, UCLA Medical Center and Olive View-UCLA Medical Center). Each hospital has a picture archiving and communication system (PACS) within radiology. We designed an ATM over SONET network for PACS utilizing the TCP/IP communications protocol. We are implementing an ATM testbed over which we will characterize the traffic and measure the total transmission time for large data files. The ATM network may be more suitable for transmission of large medical image data sets over long distances than more traditional network configurations. In the ATM network the bandwidth may no longer be a limiting problem, but disk and memory access times at the ATM endpoints may cause bottlenecks in data transmission. Future advances in network speeds and communications protocols may solidify ATM as the communication method of choice in WANS for applications such as telemedicine. (26 Refs)

Subfile: B C

Descriptors: asynchronous transfer mode; medical information systems; PACS; radiology; SONET; telecommunication traffic; transport protocols; wide area networks

Identifiers: ATM; medical image transmission; synchronous optical network; asynchronous transfer mode; SONET; telemedicine; network connection; VA Medical Center; UCLA Medical Center; Olive View-UCLA Medical Center; picture archiving communication system; PACS; radiology; TCP/IP communications protocol; large medical image data sets; ATM network; disk access times; memory access times; data transmission; WAN

Class Codes: B6260 (Optical links and equipment); B6210L (Computer communications); B7510B (Radiation and radioactivity applications in biomedicine); C7330 (Biology and medical computing); C6160S (Spatial and pictorial databases); C5620W (Other computer networks)

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19/5/10 (Item 10 from file: 2)

DIALOG(R) File 2:INSPEC

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4855474 INSPEC Abstract Number: B9502-6260-127

**Title: The North Carolina information highway**

Author(s): Smith Patterson, T.; Smith, W.L.

Journal: IEEE Network vol.8, no.6 p.12-17

Publication Date: Nov.-Dec. 1994 Country of Publication: USA

CODEN: IENEET ISSN: 0890-8044

U.S. Copyright Clearance Center Code: 0890-8044/94/\$04.00

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: What is probably the most unique aspect of the North Carolina information highway is the spirit of cooperation that exists between the public and private sectors, as well as cooperation within each of those sectors. North Carolina initiated the first state-wide **information highway** to utilize asynchronous **transfer mode** (ATM) switching and **synchronous optical network** (SONET) transmission equipment. Several trials have been conducted using ATM technology, but this is the first operational network to be deployed on such a large scale. The initial sites include hospitals, universities, community colleges, public schools, correctional facilities, and various administrative government locations. North Carolina requested that telephone companies within the state work together to develop a proposal for a comprehensive network that would not only serve state government applications, but the applications of current and prospective businesses in the state. This allows the state to share risks associated with building the first network of this type, and also places the responsibility for operations and upgrades with the telephone companies, so that their expertise in these areas can be utilized. (3 Refs)

Subfile: B

Descriptors: asynchronous transfer mode; broadband networks; information networks; optical communication equipment; SONET

Identifiers: North Carolina information highway; private sector; public sector; asynchronous transfer mode; ATM switching equipment; synchronous optical network; SONET transmission equipment; telephone companies;

government applications; business; broadband network

Class Codes: B6260 (Optical links and equipment); B6150C (Communication switching); B6230 (Switching centres and equipment); B6210 (Telecommunication applications)

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19/5/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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4587377 INSPEC Abstract Number: B9403-6230F-003, C9403-7410F-022

**Title: A high-speed integrated services ATM/STM switch**

Author(s): Xi Jiang; Meditch, J.S.

Author Affiliation: AT&T Bell Labs., Holmdel, NJ, USA.

Journal: Computer Networks and ISDN Systems vol.26, no.4 p.459-77

Publication Date: Dec. 1993 Country of Publication: Netherlands

CODEN: CNISE9 ISSN: 0169-7552

U.S. Copyright Clearance Center Code: 0169-7552/93/\$06.00

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); New Developments (N); Practical (P); Theoretical (T)

Abstract: A new, high-speed switch architecture which uses Asynchronous Transfer Mode (ATM) and Synchronous Transfer Mode (STM) to support integrated voice- data -video, multicasting, and virtual networking services is described. The switch employs autonomous processing units with local memory to store switching information and is built around a modified Banyan network with bit-parallel lines linking its node processors. The system is synchronous and time is slotted with slots organized into frames. Fixed-rate video and other real-time periodic traffic are handled via STM switching, while voice, data, datagrams, and other bursty traffic are ATM switched. Multicasting is realized by allocating dedicated STM bandwidth to real-time periodic sources and virtual ATM bandwidth to bursty sources. Virtual networking is achieved by putting an STM subnetwork into place over which authorized users communicate via ATM and/or STM. Analytic models used to determine the switch's performance characteristics are developed and illustrated via examples. The results show that the switch has excellent delay vs. throughput performance for ATM traffic in the presence of STM traffic, and very low blocking-and-loss probability for STM circuit set-up requests in the presence of other traffic. (31 Refs)

Subfile: B C

Descriptors: asynchronous transfer mode; data communication systems; electronic switching systems; multiprocessor interconnection networks; video signals; voice communication

Identifiers: high-speed integrated services; ATM/STM switch; high-speed switch architecture; Asynchronous Transfer Mode; Synchronous Transfer Mode; multicasting; virtual networking services; local memory; processing units; modified Banyan network; bit-parallel lines; node processors; frames; fixed-rate video; real-time periodic traffic; voice; data; datagrams; bursty traffic; bandwidth; analytic models; performance characteristics

Class Codes: B6230F (Integrated switching and transmission systems); B6150C (Switching theory); C7410F (Communications); C5440 (Multiprocessor systems and techniques)

19/5/12 (Item 12 from file: 2)

DIALOG(R)File 2:INSPEC

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4546115 INSPEC Abstract Number: B9401-6210L-091, C9401-5620L-033

**Title: An integrated service LAN using variable length packet circulation scheme**

Author(s): Yoneda, T.; Matsushita, Y.

Author Affiliation: Dept. of Instrum. Eng., Keio Univ., Tokyo, Japan

Journal: Transactions of the Information Processing Society of Japan vol.34, no.7 p.1618-28

Publication Date: July 1993 Country of Publication: Japan

CODEN: JSGRD5 ISSN: 0387-5806

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: As a media access control (MAC) method for integrated services on a high speed LAN, ISVLP (integrated service LAN using variable length packet circulation scheme) is proposed. ISVLP is based on the slotted ring method. It can support synchronous voice/video service and asynchronous data service using a packet-switched operation. To support synchronous service, it is necessary to guarantee a periodic **transmission** of synchronous **data** to the **network**. This requirement is met by alternating between the **synchronous data transmission mode** and the asynchronous **data transmission** mode periodically. By using variable length packets, overhead incurred by packet headers is decreased as compared with the slotted ring method. By conducting simulations, ISVLP is compared with ATMR which is proposed by NTT as a candidate for an international standard for high speed LANs. It is shown that ISVLP can achieve higher maximum throughput and shorter transmission delay than ATMR. (14 Refs)

Subfile: B C

Descriptors: asynchronous transfer mode; local area networks; packet switching; standards

Identifiers: media access control; high speed LAN; ISVLP; integrated service LAN; variable length packet circulation scheme; slotted ring method; synchronous voice/video service; asynchronous data service; packet-switched operation; periodic transmission; synchronous data; synchronous data transmission mode; asynchronous data transmission mode; packet headers; simulations; ATMR; NTT; international standard; maximum throughput

Class Codes: B6210L (Computer communications); B6150C (Switching theory); C5620L (Local area networks); C4230 (Switching theory)

19/5/13 (Item 13 from file: 2)

DIALOG(R) File 2:INSPEC

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4541586 INSPEC Abstract Number: B9401-6150M-017, C9401-5640-023

Title: **A semi-Markovian method for evaluation of information channel performance in compliance with protocol X.25**

Author(s): Sklyarevich, A.N.

Journal: Avtomatika i Vychislitel'naya Tekhnika vol.27, no.1 p. 48-58

Publication Date: 1993 Country of Publication: Latvia

CODEN: AVYTAK ISSN: 0132-4160

Translated in: Automatic Control and Computer Sciences vol.27, no.1 p.42-51

Publication Date: 1993 Country of Publication: USA

CODEN: ACCSCE ISSN: 0146-4116

U.S. Copyright Clearance Center Code: 0146-4116/93/\$50.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Theoretical (T)

Abstract: Derives a set of linear algebraic equations for evaluation of X.25 channel performance indicator: virtual time of complete DATA packet frame transmission to unidirectional time-compatible transfer of large files with a Markovian error source model. All basic **data transfer** procedures are taken into **account**, including frame retransmission after REJ and timeout, **network** and datalink windows, frame length, timeout duration, restriction on the number of consecutive retransmissions of a frame after a timeout, the number of large files to be transferred, and the intensity of changes in channel state. (2 Refs)

Subfile: C B C

Descriptors: Markov processes; performance evaluation; protocols

Identifiers: semi-Markovian method; information channel performance; protocol X.25; linear algebraic equations; packet frame transmission; unidirectional time-compatible transfer; frame retransmission; timeout

Class Codes: C5640 (Protocols); B6150M (Protocols); C5670 (Network performance)

19/5/14 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

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4482766 INSPEC Abstract Number: B9310-0160-017, C9310-7410H-060

**Title: A computerised sensor based diagnostic maintenance system for continuous mining machine hydraulics**

Author(s): Mitchell, J.

Author Affiliation: US Bur. of Mines, Pittsburgh, PA, USA

Conference Title: Conference Record of the IEEE Industry Applications Society Annual Meeting (Cat. No.92CH3146-8) p.2020-5 vol.2

Publisher: IEEE, New York, NY, USA

Publication Date: 1992 Country of Publication: USA 2 vol. xxix+2071 pp.

ISBN: 0 7803 0635 X

U.S. Copyright Clearance Center Code: 0 7803 0634 1/92/\$03.00

Conference Sponsor: IEEE

Conference Date: 4-9 Oct. 1992 Conference Location: Houston, TX, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

**Abstract:** The US Bureau of Mines has developed an expert knowledge based system to diagnose hydraulic problems on the Bureau's testbed Joy 16CM continuous mining machine. The author describes this computerised, sensor-based diagnostic maintenance tool and its components. The diagnostic system is interfaced to machine-based sensors which monitor various hydraulic system parameters, such as pressures, flows, temperatures, fluid level, and ferrous debris present in the oil. The **status** of these parameters is **updated** periodically and **transmitted** via a distributed **data** acquisition interface to a remote PC location. At the PC level, a software interface accepts the sensor information, translates it, and sends it to the diagnostic knowledge base. All diagnostic decisions are based on this sensor information. The various fault tests conducted on the testbed mining machine using this diagnostic maintenance system are discussed, and results are given. (6 Refs)

Subfile: B C

Descriptors: computerised instrumentation; data acquisition; electric sensing devices; hydraulic systems; knowledge based systems; maintenance engineering; microcomputer applications; mining

Identifiers: computerised sensor; diagnostic maintenance system; continuous mining machine hydraulics; US Bureau of Mines; expert knowledge based system; Joy 16CM continuous mining machine; pressures; flows; temperatures; fluid level; ferrous debris; distributed data acquisition interface; remote PC location; software interface; fault tests

Class Codes: B0160 (Plant engineering, maintenance and safety); B7210B (Automatic test and measurement systems); B7210G (Data acquisition systems); B7230 (Sensing devices and transducers); C7410H (Instrumentation); C6170 (Expert systems)

19/5/15 (Item 15 from file: 2)

DIALOG(R)File 2:INSPEC

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4453538 INSPEC Abstract Number: B9309-6210M-009

**Title: Subscriber network for the R1022 ATM ( synchronous transfer mode ) data transmission test bed**

Author(s): Roppel, C.; Behnke, U.; Doring, K.-H.; Grimm, K.; Sipahi, S.

Author Affiliation: Deutsche Bundespost Telekom, Darmstadt, Germany

Journal: Nachrichtentechnik Elektronik vol.43, no.3 p.123-5

Publication Date: May-June 1993 Country of Publication: West Germany

CODEN: NTELAP ISSN: 0323-4657

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** A description is given of the European RACE research project on broadband ISDN ATM transmission, with special reference to RACE project R1022, which is an ATM demonstration test bed termed RATT. Network architecture is drawn and it is noted that bus length can be up to 200 meters, with up to 16 subscribers. Connection can be set up manually or automatically. Transmission protocols are described and development of

hardware and software for this project are stated to be progressing. It is intended to integrate the subscriber net with the other systems of the RATT project in Basel in 1993. (5 Refs)

Subfile: B

Descriptors: asynchronous transfer mode; B-ISDN; subscriber loops; testing

Identifiers: ATM data transmission test bed; network architecture; subscriber networks; transmission protocols; synchronous transfer mode; European RACE research project; broadband ISDN; RACE project R1022; RATT; Basel

Class Codes: B6210M (ISDN); B6150C (Switching theory); B0170E (Production facilities and engineering); B6220C (Telephone stations)

19/5/16 (Item 16 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

04388323 INSPEC Abstract Number: B9306-6150M-001, C9306-5640-002

**Title: The throughput of X.25 channel with Markov source of error under one-way transfer of large data arrays**

Author(s): Sklyarevich, A.N.

Journal: Avtomatika i Vychislitel'naya Tekhnika vol.25, no.6

Publication Date: 1991 Country of Publication: Latvia

CODEN: AVYTAK ISSN: 0132-4160

Translated in: Automatic Control and Computer Sciences vol.25, no.6

p.17-23

Publication Date: 1991 Country of Publication: USA

CODEN: ACCSCE ISSN: 0146-4116

U.S. Copyright Clearance Center Code: 0146-4116/91/\$20.00

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: A method for estimating the X.25 channel throughput with Markov source of error in transmitting one large data array or a few time-compatible one-way large data arrays is proposed. The mean time of error-free DATA packet frame transmission chosen for a major channel throughput characteristic is defined as a function of the **network** protocol parameters (window size, frame length, time-out length), channel **data transfer** rate, and the error source model parameters (channel **state change** -over rate bit error rate in each state). (2 Refs)

Subfile: B C

Descriptors: Markov processes; packet switching; protocols; telecommunication channels

Identifiers: Markov error source; one-way transfer; data arrays; X.25 channel throughput; error-free DATA packet frame transmission; network protocol parameters; window size; frame length; time-out length; channel data transfer rate; channel state change-over rate; bit error rate

Class Codes: B6150M (Protocols); B0240Z (Other and miscellaneous); B6110 (Information theory); B6150C (Switching theory); C5640 (Protocols); C1140Z (Other and miscellaneous)

19/5/17 (Item 17 from file: 2)

DIALOG(R)File 2:INSPEC

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03871354 INSPEC Abstract Number: B91029359, C91029324

**Title: Kommunikationsnetze der Zukunft (Communication networks of the Future)**

Journal: ITG-Fachberichte vol.115

Publication Date: 1990 Country of Publication: West Germany

CODEN: ITGFEY ISSN: 0341-0196

Conference Title: Kommunikationsnetze der Zukunft (Communication networks of the Future)

Conference Date: 9-10 Oct. 1990 Conference Location: Essen, Germany

Language: English Document Type: Conference Proceedings (CP); Journal Paper (JP)

Abstract: The following topics were dealt with: German Post

Office-Telekom network; intelligent **networks** ; CCITT signalling system No.7 management systems; wideband ISDN based on asynchronous **transfer mode** (ATM); **data** communications **network** ; **synchronous** digital multiplex hierarchy; junction U2000 for transmission **networks** ; subscriber optical fibre systems; virtual path to ATM networks; mobile communications; and Open Network Provision (ONP).

Subfile: B C

Descriptors: data communication systems; ISDN; mobile communication systems; optical fibres; optical links; signalling (telecommunication networks); subscriber loops; telecommunication network management; telecommunication networks; time division multiplexing

Identifiers: German Post Office-Telekom network; intelligent networks; CCITT; signalling system No.7; management systems; wideband ISDN; asynchronous transfer mode; ATM; data communications network; synchronous digital multiplex hierarchy; junction U2000; transmission networks; subscriber optical fibre systems; virtual path; ATM networks; mobile communications; Open Network Provision; ONP

Class Codes: B0100 (General electrical engineering topics); B6200 (Telecommunication); B6250F (Mobile radio systems); B6230 (Switching centres and equipment); B6220C (Telephone stations); C5620 (Computer networks and techniques); C5630 (Networking equipment)

19/5/18 (Item 18 from file: 2)

DIALOG(R)File 2:INSPEC

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03803282 INSPEC Abstract Number: B91011832

Title: **Transmission measurement techniques: pathfinder of telecommunications**

Author(s): Matha, J.

Author Affiliation: Wandel & Goltermann, Eningen, Germany

Journal: Funkschau no.23 p.17-21 Supl.

Publication Date: 2 Nov. 1990 Country of Publication: West Germany

CODEN: FUSHA2 ISSN: 0016-2841

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The wideband ISDN will be the **network** of the future, operating in the SDH ( **Synchronous** Digital Hierarchy) **mode** to **transmit** from slowest **data** flows to HDTV. The STM ( **Synchronous Transfer Mode** ) will be at a basic 155.520 Mbit/s, with even faster STM-2 at twice the speed. The main CCITT recommendations consider quality of service, transmission delay, bit errors, blocking probability and other malfunctions. An overview of test procedures and specialized test equipment is presented, enumerating tests required at subscribers' end, network terminals and gateways, and over actual transmission hauls. They include checks and simulation tests of impedance, symmetry, A/D- and D/A conversion, PCM characteristics, bit error detection and correction, crosstalk, amplitude and phase fidelity, and specialized measurements of regenerators and microwave links. (0 Refs)

Subfile: B

Descriptors: broadband networks; electric variables measurement; ISDN

Identifiers: service quality; error correction; ADC; DAC; amplitude fidelity; transmission measurement techniques; wideband ISDN; SDH; Synchronous Digital Hierarchy; HDTV; Synchronous Transfer Mode; CCITT recommendations; transmission delay; bit errors; blocking probability; test procedures; test equipment; network terminals; gateways; simulation tests; impedance; PCM characteristics; error detection; crosstalk; phase fidelity; regenerators; microwave links; 155.52 Mbit/s

Class Codes: B6210M (ISDN); B7310 (Electric and magnetic variables)

Numerical Indexing: bit rate 1.5552E+08 bit/s

19/5/19 (Item 19 from file: 2)

DIALOG(R)File 2:INSPEC

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03435862 INSPEC Abstract Number: B89057262, C89048879



**Title:** Terminal-to-network communication in an ATM-based ISDN  
**Author(s):** Pauwels, B.  
**Author Affiliation:** Bell Telephone Manuf. Co. Res. Centre, Brussels, Belgium  
**Journal:** International Journal of Digital and Analog Cabled Systems  
vol.2, no.1 p.49-59  
**Publication Date:** Jan.-March 1989 **Country of Publication:** UK  
**CODEN:** IJDSEM **ISSN:** 0894-3222  
**U.S. Copyright Clearance Center Code:** 0894-3222/89/010049-11\$05.50  
**Language:** English **Document Type:** Journal Paper (JP)  
**Treatment:** Applications (A); Practical (P)  
**Abstract:** Addresses the topic of signalling and connectionless **data transfer** virtual channels in an asynchronous **transfer** mode (ATM) at the user **network** interface (UNI). The author recapitulates on the access signalling support in narrowband ISDN, as a representative of a **synchronous transfer mode** (STM) **network** and the predecessor of the coming broadband ISDN. Also, the influence of the customer premises network architecture is taken into **account**. He investigated the way these principles can be extended, into a general access infrastructure and access configuration management for signalling and connectionless services in the ATM-based broadband ISDN. Some possible implications for the internal architecture of the CPN and the network are discussed. This brings some insight into the restrictions which standardization of these principles at the UNI may bring along for the architecture. (4 Refs)  
**Subfile:** B C  
**Descriptors:** ISDN; signalling (telecommunication networks); standardisation; user interfaces  
**Identifiers:** virtual channels; user network interface; terminal to network communication; asynchronous transfer mode; synchronous transfer mode; ATM-based ISDN; signalling; connectionless data transfer; narrowband ISDN; broadband ISDN; customer premises network architecture; access configuration management; connectionless services; standardization  
**Class Codes:** B6210M (ISDN); C5620 (Computer networks and techniques); C6180 (User interfaces)

19/5/20 (Item 20 from file: 2)

DIALOG(R)File 2:INSPEC

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03396458 INSPEC Abstract Number: B89044482, C89038652

**Title:** Asynchronous transfer mode-a new way to the broadband ISDN

**Author(s):** Gerke, P.R.

**Journal:** Nachrichtentechnik Elektronik vol.39, no.1 p.3-4

**Publication Date:** 1989 **Country of Publication:** East Germany

**CODEN:** NTELAP **ISSN:** 0323-4657

**Language:** German **Document Type:** Journal Paper (JP)

**Treatment:** Applications (A); Practical (P)

**Abstract:** The features of the 64 kbit/s ISDN, and future needs for very much higher bit rate data transmission via public networks, are reviewed. A broadband ISDN of the future should include optimisation for packet data traffic, integration of various bit rates, and the ability of subscribers to choose the bit rate required. The **network** principles for **synchronous data transfer mode** optimised for fixed bit rate, and asynchronous transfer mode (ATM) enabling various bit rates to be used, are described. ATM switching networks with 2-channel beta multiplex elements, and strategies for the introduction of ATM broadband networks, are discussed. Future prospects are briefly considered. (5 Refs)

**Subfile:** B C

**Descriptors:** broadband networks; ISDN; time division multiplexing

**Identifiers:** TDM; broadband ISDN; data transmission; public networks; packet data traffic; synchronous data transfer mode; asynchronous transfer mode; ATM switching networks; 2-channel beta multiplex elements; ATM broadband networks; 64 kbit/s

**Class Codes:** B6210M (ISDN); B6230 (Switching centres and equipment); C5620 (Computer networks and techniques); C5630 (Networking equipment)

**Numerical Indexing:** bit rate 6.4E+04 bit/s

19/5/21 (Item 21 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

03186407 INSPEC Abstract Number: C88047000

**Title: Building an equities trading system in a distributed UNIX environment**

Author(s): Luppi, M.; Seiden, M.; Collins, J.; Fisher, D.; Iverson, K.; Marshall, C.; Sachs, J.; Shaw, D.

Author Affiliation: Morgan Stanley & Co., New York, NY, USA

Conference Title: USENIX Association Winter Conference Dallas 1988. Proceedings p.97-104

Publisher: USENIX Assoc, Berkeley, CA, USA

Publication Date: 1988 Country of Publication: USA ix+381 pp.

Conference Sponsor: USENIX Assoc

Conference Date: 9-12 Feb. 1988 Conference Location: Dallas, TX, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: The authors discuss their experience in building a distributed equities trading application in a UNIX local area network. The key problem is ensuring that trading operations are never interrupted for more than a few minutes: extending downtime can leave existing stock positions badly exposed. The article describes the duplicated- **network** architecture, particularly the method for keeping the two **networks** **synchronized** by periodic **transfers** of **state information**, and discusses advantages and disadvantages of alternative synchronization methods. (3 Refs)

Subfile: C

Descriptors: financial data processing; local area networks; network operating systems; synchronisation

Identifiers: equities trading system; distributed UNIX environment; local area network; trading operations; downtime; stock positions; duplicated-network architecture; synchronization

Class Codes: C5620L (Local area networks); C6150J (Operating systems); C7120 (Finance)

19/5/22 (Item 22 from file: 2)

DIALOG(R) File 2:INSPEC

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03082880 INSPEC Abstract Number: C88019686

**Title: On the design of human-computer interaction for administrative offices**

Author(s): von Benda, H.

Author Affiliation: Inst. for Psychol., Erlangen-Nurnburg Univ., Erlangen, West Germany

Journal: Behaviour and Information Technology vol.6, no.3 p.343-6

Publication Date: July-Sept. 1987 Country of Publication: UK

CODEN: BEITD5 ISSN: 0144-929X

Conference Title: ERGODESIGN 86 - The Evolution of the Electronic Workplace

Conference Date: 21-24 Oct. 1986 Conference Location: Montreux, Switzerland

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Experimental (X)

Abstract: After pilot research in public sector administration offices of the FRG **state** Baden-Wurttemberg, the registration and **update** of personnel data was simulated in an experimental **terminal** station. The dialogue style was varied. In transaction-oriented mode the **data** for a complete mask are **sent** to a host and checked there for input errors. The feedback is then sent back to the terminal. In field-oriented mode the data for every field or character are checked and feedback is sent immediately. 25 administration officials participated in the trial sessions. They solved real tasks (full case, update) with the program versions. The experimental data consisted of behaviour registration and interviews about learning, working style and system features. From the results, certain design

principles were formulated. (2 Refs)

Subfile: C

Descriptors: administrative data processing; human factors; interactive systems; man-machine systems; personnel; public administration; user interfaces

Identifiers: human-computer interaction; public sector administration offices; FRG; Baden-Wurttemberg; personnel data; dialogue style; transaction-oriented mode; field-oriented mode; behaviour; learning; working style; system features; design principles

Class Codes: C6180 (User interfaces); C7100 (Business and administration); C7130 (Public administration)

**19/5/23 (Item 23 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

2737407 INSPEC Abstract Number: B86059711, C86048295

**Title: Building a super-intelligent modem**

Author(s): Link, C.

Author Affiliation: Zilog (UK) Ltd., Maidenhead, UK

Journal: Electronic Product Design vol.7, no.6 p.55-8

Publication Date: June 1986 Country of Publication: UK

CODEN: EPDEDB ISSN: 0263-1474

Material Identity Number: E302-86006

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The new microcomputers can be used to give rich feature sets to products with a relatively modest chip count. The author outlines an example of a modem built using the ZS8. Modem subsystems are often required to perform additional tasks, such as error detection and correction or conversion of data between compressed formats and the standard ASCII format used by terminals and computer systems. These 'intelligent' modems typically require a high performance controller. The intelligent modem system considered here performs standard asynchronous Hayes-compatible communications and also supports Tymnet's X. PC and Microcom's MNP protocols-public domain protocols in which **data** is assigned to packets and **sent** as a message. MNP allows two models to switch into a **synchronous transmission mode**, eliminating the need for start and stop bits for each character, thereby resulting in a 20 percent throughput improvement. The application of large-scale integration to modem technology has resulted in the implementation of complete modem subsystems in three or fewer chips. One such chip set was selected for this design: the Rockwell R2424DS chip set. The Rockwell parts are a complete 3-chip modem implementation that conforms to the CCITT V.22 bis, V.22A and B, Bell 212A, and Bell 103 specifications. (0 Refs)

Subfile: B C

Descriptors: modems

Identifiers: microcomputer based modems; super-intelligent modem; feature sets; chip count; ZS8; error detection; conversion of data; intelligent modem system; standard asynchronous Hayes-compatible communications; Tymnet's X.PC; Microcom's MNP protocols; public domain protocols; synchronous transmission mode; throughput; Rockwell R2424DS chip set; 3-chip modem implementation

Class Codes: B1265Z (Other digital circuits); B6220W (Other telecommunication terminals and equipment); C5630 (Networking equipment)

**19/5/24 (Item 24 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02638891 INSPEC Abstract Number: C86024167

**Title: Bitbus**

Author(s): Baum, E.

Author Affiliation: Intel Semiconductor GmbH, Munchen, West Germany

Journal: Der Elektroniker no.11 p.50-6

Publication Date: Nov. 1985 Country of Publication: Switzerland

CODEN: ELKRBL ISSN: 0374-3020

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The author introduces Bitbus, a fast serial bus for sending short messages for control purposes in distributed systems with up to 250 **nodes**. He describes its software, hardware, **data transfer** protocol (IBM's SDLC), multitasking and servicing. In **synchronous mode** Bitbus sends at 2.4 Mbit/s via a 4-wire line up to 30 m in length whilst in asynchronous mode it can send over several thousand meters at 62.5 and 375 kBd. He concludes with comments on distributed intelligence using Bitbus.  
(2 Refs)

Subfile: C

Descriptors: computer interfaces; protocols

Identifiers: computer interfaces; system bus; Bitbus; serial bus; distributed systems; data transfer protocol; SDLC; multitasking; servicing; synchronous mode; 4-wire line; asynchronous mode

Class Codes: C5610P (Peripheral interfaces); C5610S (System buses)

19/5/25 (Item 25 from file: 2)

DIALOG(R)File 2:INSPEC

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02590088 INSPEC Abstract Number: B86010635

Title: **Datex-L and Datex-P with 64 kbit from house to house**

Author(s): Radke, G.-L.

Journal: Funkschau no.21 p.59-61

Publication Date: 11 Oct. 1985 Country of Publication: West Germany

CODEN: FUSHA2 ISSN: 0016-2841

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A concise report on the two data transmission services, operated by the Federal German Post Office over a wide network, at present linking 17 cities. Datex-L (Data Exchange over telephone lines), introduced in 1967, is a serial transmission system with the choice of 5 speeds, from 300 bit/s to 64 kbit/s. With the exception of the slowest mode, synchronous, computer-controlled operation is used. Datex-P (P for information Packets) has been introduced in 1980. The packets are 'interlaced', each with its own address label; thus, 255 exchanges at present can share a common line in time-multiplex working, at any speed between 2.4 and 48 kbit/s. 2 schematic diagrams explain both systems. Of main interest is a comprehensive table, quoting 24 available versions of **data transmission** services, with **information** on speed, which public **network** used, operations **modes** - **synchronous**, asynchronous, serial, parallel, simplex, duplex, semi-duplex-and the mean error probability. (0 Refs)

Subfile: B

Descriptors: data communication systems; telecommunication networks

Identifiers: Datex-L; Datex-P; data transmission services; serial; synchronous; packets; time-multiplex

Class Codes: B6210 (Telecommunication applications)

19/5/26 (Item 26 from file: 2)

DIALOG(R)File 2:INSPEC

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02579371 INSPEC Abstract Number: C86009066

Title: **Analysis of the efficiency of network fragments with semi-Markov process of change of operating mode**

Author(s): Sklyarevich, F.A.

Journal: Avtomatika i Vychislitel'naya Tekhnika vol.18, no.4 p. 38-43

Publication Date: 1984 Country of Publication: USSR

CODEN: AVYTAK ISSN: 0132-4160

Translated in: Automatic Control and Computer Sciences vol.18, no.4 p.34-40

Publication Date: 1984 Country of Publication: USA

CODEN: ACCSCE ISSN: 0146-4116  
U.S. Copyright Clearance Center Code: 0146-4116/84/\$20.00  
Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P); Theoretical (T)

Abstract: The author investigates a computer **network** fragment with a semi-Markov process of **change** of operating **mode**. In each **mode**, the operating figure (or index) of the fragment satisfies a linear differential equation with constant coefficient and right side that depends on the time of operation in the mode. Changes in operating mode are accompanied by a change in the coefficients and in the right sides of the equations. The expected value of the fragment operating figure, taking **account** of the variability of the mode, is determined. Particular cases encountered in analyzing network performance are considered. An example is given of the use of the results to analyze the traffic in a **network** fragment with a variable mode of **data transmission**. (7 Refs)

Subfile: C

Descriptors: computer networks; linear differential equations; Markov processes

Identifiers: semiMarkov process; network fragments; operating mode; linear differential equation; network performance; data transmission

Class Codes: C1140Z (Other and miscellaneous); C5620 (Computer networks and techniques)

19/5/27 (Item 27 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

02224348 INSPEC Abstract Number: B84021446, C84017355

**Title: Increasing the utilisation efficiency of data transmission systems when designing regional computer networks**

Author(s): Kozhurin, F.D.; Babenko, E.Ya.; Sergeev, L.P.

Journal: Mekhanizatsiya i Avtomatizatsiya Upravleniya no.4 p.53-5

Publication Date: Oct.-Dec. 1983 Country of Publication: Ukrainian SSR, USSR

CODEN: MAUPA7 ISSN: 0543-4149

Language: Russian Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A data transmission network recently commissioned in Dnepropetrovsk uses the MPD-1A multiplexer to interface individual computing centres. This multiplexer has 16 semiduplexed channels, through which data transfer can be executed using synchronous or asynchronous adaptors. The use of the recently developed AD7 and AD8 adaptors enables the multiplexer to be interfaced with the ES-7920 display complex through standard series 2400 modems. The structure of a simple branched network with a single ES-7920 remote complex is shown and discussed. The AD7 adaptor can be used for **data transmission** at rates of 100-2400 Baud in **synchronous mode**, using telephone or telegraph links. The AD-8 adaptor enables standard **terminals** such as the AP series to be interfaced with the ES-7920. The network is shown to be extremely reliable, with error rates as low as 10/sup -6/ errors per bit. (3 Refs)

Subfile: B C

Descriptors: computer networks; data communication equipment; data communication systems

Identifiers: utilisation efficiency; regional computer networks; data transmission network; Dnepropetrovsk; MPD-1A multiplexer; computing centres; semiduplexed channels; asynchronous adaptors; AD7; AD8; ES-7920 display complex; series 2400 modems; branched network; ES-7920 remote complex; synchronous mode; telephone; telegraph

Class Codes: B6210L (Computer communications); C5620 (Computer networks and techniques)

19/5/28 (Item 28 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

01862717 INSPEC Abstract Number: C82023555

**Title: Information in public administration**

Journal: Sistemi e Automazione vol.27, no.221 p.953-7

Publication Date: Dec. 1981 Country of Publication: Italy

CODEN: SSAUBD ISSN: 0037-5896

Language: Italian Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Summaries and comments on the report recently published by the CNEL (National Council for Economics and Labour) relative to experiences on the informatics in public administration. Believing that 'the possibility of development in modern society largely depends on the capacity to utilize adequately information technology', the report aims at giving precise directions so that CNEL itself and other organisations can function as stimulators of and guides to automation in Public Administration. Public Administration should change, not because there are new machines to play with, but because the public functions of the modern **State** have **changed**. There should be a substantial unification of all the communication **networks** (telephonic, telegraphic, **data /image transmissions**) instead of the present wasteful duplications of high cost lines and computers. Informatics cannot be dealt with on its own, but only in the general context of reform of PA in all its aspects. Law of the Senate 1356 titled 'Institution of Interministerial Committee for Informatics in PA' provides for a committee which must approve three-year plans for use of data in state administrations, approve and promote programmes for new central and peripheral service centres, and give directions for training and administration of personnel. (0 Refs)

Subfile: C

Descriptors: government data processing

Identifiers: government DP; public administration; information technology  
; communication networks; service centres; personnel

Class Codes: C7130 (Public administration)

19/5/29 (Item 29 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

01723867 INSPEC Abstract Number: B81037750, C81026349

**Title: Serial communications and interface circuits in microprocessor systems**

Author(s): Toth, F.

Journal: Interface Age vol.6, no.4 p.82-7

Publication Date: April 1981 Country of Publication: USA

CODEN: INFAD5 ISSN: 0147-2992

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: Serial communication takes place in two basic **modes**: asynchronous (unclocked) and **synchronous** (clocked). Within any given communications **network** there exists a protocol (set of rules) that ensures that the **data transmitted** are received as **sent**. Asynchronous communication is used in relatively simple systems where low speed or irregular transmission rates are acceptable. Synchronous communication is used in relatively complex computer and multiple microcomputer/terminal systems where a relatively high data rate is required. Data transmission can be either character or byte oriented. (0 Refs)

Subfile: B C

Descriptors: computer interfaces; digital communication systems;  
protocols

Identifiers: interface circuits; microprocessor systems; protocol; data  
rate; serial communications; asynchronous communication; synchronous  
communication

Class Codes: B6210L (Computer communications); C5250 (Microcomputer  
techniques); C5610 (Computer interfaces)

19/5/30 (Item 30 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

01474664 INSPEC Abstract Number: C80009389

**Title: On-line patient information system with query**

Author(s): Hayeck, E.G.; Berman, W.J.; Anne, A.

Author Affiliation: Div. of Biomedical Engng., Medical Center, Univ. of Virginia, Charlottesville, VA, USA

Conference Title: Proceedings of the Third Annual Symposium on Computer Application in Medical Care p.229-35

Editor(s): Dunn, R.A.

Publisher: IEEE, New York, NY, USA

Publication Date: 1979 Country of Publication: USA 896 pp.

Conference Sponsor: IEEE; George Washington Univ. Medical Center; Biomedical Engng. Soc.; et al

Conference Date: 14-17 Oct. 1979 Conference Location: Washington, DC, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Background, current state and future plans for the University of Virginia Biomedical Engineering Division Patient Information System are given. System design is highlighted. When fully implemented, the system will make extensive use of block **transmission**, made for user-computer interaction, for **data** input, retrieval, and **update**. Other **features** will include the possibility of multiple primary keys per patient, frequency distribution, **on - line** patient query (i.e., search on secondary keys), and general printouts. (9 Refs)

Subfile: C

Descriptors: medical administrative data processing

Identifiers: patient information system; query; block transmission; multiple primary keys; patient; printouts; medical ADP

Class Codes: C7140 (Medical administration)

19/5/31 (Item 31 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

01211280 INSPEC Abstract Number: B78029933, C78017149

**Title: Microcomputer-based DCE with voiceband modem for new data networks**

Author(s): Artom, A.; Paladin, G.; Rocci, R.

Author Affiliation: CSELT, Centro Studi e Lab. Telecomunicazioni SpA, Torino, Italy

Conference Title: EUROCON '77 Proceedings on Communications Part I p.563-71

Publisher: IEEE, New York, NY, USA

Publication Date: 1977 Country of Publication: USA 715 pp.

Conference Sponsor: IEEE; EUREL; URSI

Conference Date: 3-7 May 1977 Conference Location: Venice, Italy

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A)

Abstract: The insertion of data into the Italian digital synchronous network is performed at a 64-kb/s level by 'submultiplexing' a plurality of subscribers at lower bit rates. Baseband links connect the subscriber's data circuit terminating equipment to the submultiplexer. Remote subscribers connected to it by voiceband channels (FDM or PCM) cannot make use of the standard DCE and hence of signalling in the envelope, but must resort to traditional voiceband modems. This paper describes a DCE for the processing of signalling within 6+2 bit envelopes which includes a voiceband modem operating at a gross bit rate equal to 4/3 of the standard **data transmission** rate, so that extension of the new digital **data network** to remote subscribers is made possible without **altering** the main **features** of the **network** itself. (4 Refs)

Subfile: B C

Descriptors: computerised signal processing; data communication equipment; modems; time division multiplexing

Identifiers: digital synchronous network; data circuit terminating equipment; submultiplexer; voiceband modem; remote subscribers

Class Codes: B1250 (Modulators, demodulators, discriminators and mixers); B6140 (Signal processing and detection); B6210Z (Other data transmission); B6220W (Other stations); C3370G (Data transmission); C5600 (Data

communication equipment and techniques); C7410F (Communications)

19/5/32 (Item 32 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

00911610 INSPEC Abstract Number: B76021576, C76013535

**Title: Fault detection system for a telephone exchange**

Inventor(s): Borbas, R.A.; Dufton, J.R.

Assignee(s): GTE Automatic Electric (Canada) Ltd

Patent Number: US 3908099 Issue Date: 750923

Application Date: 740927

Country of Publication: USA

Language: English Document Type: Patent (PT)

Treatment: Applications (A); Practical (P)

Abstract: In an exchange with duplicated common data bases an operative condition **status** word is generated, stored, **updated** and transmitted to the **online** central processor initiating a test routine. Control is **transferred** to the offline common **data** bus and associated subsystems when this test routine fails to be completed within a predetermined time.

Subfile: B C

Descriptors: automatic telephone systems; communications applications of computers; fault location; telephone exchanges

Identifiers: telephone exchange; duplicated common data bases; operative condition status word; central processor; test routine; fault detection system; changeover

Class Codes: B6230 (Switching centres and equipment); C3370C (Telephony); C7410F (Communications)

19/5/33 (Item 33 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2002 Institution of Electrical Engineers. All rts. reserv.

00301789 INSPEC Abstract Number: C71020206

**Title: Computer data terminal communications**

Assignee(s): Nat. Cash Register Co

Patent Number: GB 1234698 Issue Date: 710609

Application Date: 690624

Priority Appl. Number: US 742354 Priority Appl. Date: 680703

Country of Publication: UK

Language: English Document Type: Patent (PT)

Treatment: Practical (P)

Abstract: Computer data terminal communications system has unit adapter associated with different data terminals operate in input and output transfer modes and are scanned by a computer forming part of a multiplexer, and the counter is temporarily stopped to enable data transfer to take place when an adapter providing a request signal is scanned and also in response to computer function control data specifying a change in the adapter to be set to the new mode, scanning subsequently being resumed where it was interrupted. Preferably the adapters each includes 2 buffer registers for serial transmission to and from the **terminal** and parallel **transmission** to and from the computer, the control **data** specifying a **change** from input to output **transfer mode** when both registers are full.

Subfile: C

Descriptors: data communication equipment

Identifiers: data terminal communications

Class Codes: C5600 (Data communication equipment and techniques)

19/5/34 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01170492 ORDER NO: AAD91-23422

PERFORMANCE MODELS AND CONGESTION ANALYSIS OF HIGH-SPEED MULTIMEDIA



## NETWORKS (MULTIMEDIA NETWORKS)

Author: MARAFIH, NASSER MOHAMMAD

Degree: D.SC.

Year: 1991

Corporate Source/Institution: THE GEORGE WASHINGTON UNIVERSITY (0075)

Adviser: RAYMOND LEE PICKHOLTZ

Source: VOLUME 52/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1632. 276 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL; OPERATIONS  
RESEARCH

Descriptor Codes: 0544; 0796

This study developed performance models to study the feasibility of using the asynchronous transfer mode (ATM) concept to transport and integrate existing and future telecommunications services. ATM transfers packets of information in a connection-oriented mode and utilizes asynchronous time division multiplexing. ATM has been selected as the target **transfer** mode for transporting **data** in Broadband Integrated Services Digital **Network** (B-ISDN).

This study analyzes the ATM multiplexer and ATM switch serving applications with high variability such as voice, image, and high-speed data. The model used is a  $\Sigma$  discrete-time single-server queuing system, with the arrival process being a superposition of several random processes and the departure process being a deterministic process with a first come, first serve (FCFS) discipline. The difficulty of solving such a queuing system depends on the model chosen for the individual traffic sources. For the case where the cell arrival stream from the individual sources is modeled as a Bernoulli process, an exact solution is obtained. The problem with such a model is that it does not incorporate the effect of burst length, which has been shown previously through simulation experiments to significantly affect performance. This study evaluates a more realistic model that considers the impact of the burst length. An alternating-state Markov process is chosen to model the individual arrival stream.

The solution of a  $\Sigma$  queuing system with the arrival process being a superposition of several renewal processes is in general intractable. This study obtained a new approximation, referred to as the three-parameters approximation (TPA). TPA is based on the asymptotic properties of the aggregate traffic and congestion estimates from the simulation experiments. TPA depends on three parameters: number of sources, overall traffic intensity at the queue, and the multiplexing factor.

The study also determined an optimal operating point for the ATM multiplexer and the ATM switch. The optimal point takes into **account** the trade-off between the delay and throughput and is specified by the traffic loading that maximizes the queuing power. This optimal operating point is used to contrast the performance of ATM with synchronous transfer mode (STM).

19/5/35 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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754640 ORDER NO: AAD81-17916

## ANALYSIS, DESIGN AND IMPLEMENTATION OF AN ON-LINE PATIENT INFORMATION SYSTEM IN A MULTI-CLINIC ENVIRONMENT

Author: HAYECK, ELIE GEORGES

Degree: PH.D.

Year: 1981

Corporate Source/Institution: UNIVERSITY OF VIRGINIA (0246)

Source: VOLUME 42/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1094. 258 PAGES

Descriptors: ENGINEERING, BIOMEDICAL

Descriptor Codes: 0541

An on-line relational database system has been designed and implemented on a PDP 11/70 computer for entry and retrieval of patient records. A top-down, modular design approach has been used. Data structures

used are B-tree, hashing and indexing. The principles of structured programming and of standardization have been followed in the programs' development. Database maintenance is kept to a minimum.

Systems features include: (1) **on - line data** entry, update and retrieval in block **transmission mode** with feedback mechanism, (2) multiple key access which allows name search through phonetic sounding, (3) an option for sharing demographic and clinical data by multiple clinics, (4) patient-query through secondary keys, (5) frequency distributions, and (6) table-driven printouts.

19/5/36 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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1681297 H.W. WILSON RECORD NUMBER: BAST97057988

**Shedding light on fiber-optic testing**

Browne, Jack;

Microwaves & RF v. 36 (Sept. '97) p. 141-2+

DOCUMENT TYPE: Feature Article ISSN: 0745-2993 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: The sophistication of fiber-optic test equipment has advanced to match the performance and complexity of optical components and systems. A growth in high-speed information services has been brought about by synchronous optical **network** , **synchronous** -digital-hierarchy, asynchronous- **transfer - mode** , plesiochronous-digital-hierarchy, fiber distributed **data** interface, and other fiber-optic-based protocol configurations. Current product advances in fiber-optic test equipment are reviewed.

DESCRIPTORS: Optical communication systems--Equipment;

19/5/37 (Item 2 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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1082946 H.W. WILSON RECORD NUMBER: BAST93015003

**ISSCC: communications technology**

Leonard, Milt;

Electronic Design v. 41 (Mar. 4 '93) p. 69-72

DOCUMENT TYPE: Feature Article ISSN: 0013-4872 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: A number of technical sessions at the 1993 International Solid State Circuits Conference emphasized the advances taking place in the field of communications technology. The communications industry is currently developing the semiconductor chips required to drive high-speed **data** pipelines, such as the asynchronous **transmission mode** , the **synchronous** optical **network** , and the Fiber Channel. The "Broadband Data Communications" session provided evidence of the advances of devices such as photodetectors and photoamplifiers. Advances in wireless communications were also addressed at this session. Six of the 7 presentations in the conference's "Image Sensors and Displays" session dealt with developments in CCD image-sensor technology.

DESCRIPTORS: CCD image sensors; Photodetectors; Wireless telecommunications networks;

19/5/38 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00501138 98PJ07-011

**IntelliSync for Windows CE -- Synchronization software**

Baker, Tracy  
PC Today , July 1, 1998 , v12 n7 p36, 1 Page(s)  
ISSN: 1040-6484  
Company Name: Puma Technology  
URL: http://www.pumatech.com  
Product Name: IntelliSync for Windows CE  
Languages: English  
Document Type: Software Review  
Grade (of Product Reviewed): B  
Geographic Location: United States

Presents a favorable review of IntelliSync for Windows CE (\$70) from Puma Technology Inc. (800, 802). Says the product synchronizes information between the CE device and a desktop PIM, and can handle data from ACT! 3.0, Day-Timer Organizer 2.1 and 98, Outlook 97 and 98, Schedule+ 7.0 to 7.5, and SideKick 95 to 98. Adds that updates are downloadable from the Puma **Web** site. Reports the product enables custom selection of the data to be **synchronized** , provides an AutoRun **feature** to keep selected data in **sync** whenever a connection is established, and also supports user-defined field mapping. Concludes, "Users who dread the thought of manually **transferring** the contact **information** from their **PC** to a CE device will benefit enormously from IntelliSync for Windows CE. The time savings alone justifies the \$70 retail price." Includes one screen display. (JC)

Descriptors: Synchronization; Utility Program; Hand-held Computer; Mobile Computing

Identifiers: IntelliSync for Windows CE; Puma Technology

19/5/39 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00468201 97PI08-074

**Maximier 97is**

Stone, M David

PC Magazine , August 1, 1997 , v16 n14 p208, 210, 2 Page(s)

ISSN: 0888-8507

Company Name: Maximizer Technologies

Product Name: Maximizer 97is

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): C

Hardware/Software Compatibility: Microsoft Windows; Microsoft Windows 95; Microsoft Windows NT; IBM PC Compatible; 386-based PC

Geographic Location: United States

Presents a favorable review of Maximizer 97is (\$140), a contact manager from Maximizer Technologies Inc., Vancouver, BC, Canada (800, 604). The program requires a 386-based PC or better with 8MB RAM, 15MB hard disk space, and Windows 95 or NT 4.0. The program offers both list views and forms-based views. One of its strengths is managing multiple contacts from a single company. It does well in basic tasks such as finding records, dialing the phone, scheduling single or recurring meetings, and logging details. It also includes an excellent import utility. It cannot create permanent groups for schedule, which may be a fatal shortcoming in large firms, and it cannot find free time in a user's schedule. Some **features** , such as **synchronization** , client/ **server** use, ODBC development, and **data - transfer** for Pilot for Windows CE, are not included. Includes one screen display. (djd)

Descriptors: Contact Manager; Scheduling; Calendar

Identifiers: Maximizer 97is; Maximizer Technologies

19/5/40 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00451095 97IW02-116

**Warp version of Communications Server is feature-rich**  
Drips, Michael

InfoWorld , February 10, 1997 , v19 n6 pN/3, N/8, 2 Page(s)

ISSN: 0199-6649

Company Name: IBM Corp.

Product Name: IBM Communications Server for OS/2 Warp 4.1

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a favorable review of IBM Communications Server for OS/2 Warp 4.1 (\$699 per server), a solid solution for connecting networked and mobile computer users to mainframe or midrange computers from IBM of Research Triangle Park, NC (800). Says Communications Server excels at System Network Architecture and TCP/IP connectivity, supports 3270 emulation, frame relay, and high-performance routing. Adds that Communication Server provides a mixed SNA and TCP/IP environment for LAN, **WAN**, and remote us provides extensive hardware support for Ethernet, Token Ring, Asynchronous **Transfer Mode**, **Synchronous Data** Link Control, FDDI, X.25, frame relay, and ISDN. Runs on OS/2, AIX, OS/390, and Windows NT (scheduled for this quarter). Notes that installation req solid technical knowledge. Gives Communication Server a four five rating. Contains one product summary and one screen display. (smg)

Descriptors: Server; Frame Relay; Ethernet; Asynchronous Transfer Mode; Network Management; Software Review; Local Area Networks

Identifiers: IBM Communications Server for OS/2 Warp 4.1; IBM Corp.

19/5/41 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00438046 96WN10-023

**Symantec cleans up its ACT: ACT 3.0**

Powell, James E

Windows Magazine , October 1, 1996 , v7 n10 p149, 1 Page(s)

ISSN: 060-1066

Company Name: Symantec

Product Name: ACT

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows; Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents a very favorable beta preview of ACT v3.0 (\$199), a contact manager from Symantec Corp. (800, 408). Runs on IBM PC compatibles with 8MB RAM, 18MB hard disk space, and Windows 3.1x, 95, or NT. Explains that ACT appears in a top pane that provides the standard fields such as name, address, and phone number, and a bottom window whose tabs let you switch between contact notes. Indicates that you can use the e-mail address field and a simple command to create mail-merged **Internet** messages via Microsoft Exchange or use e-mail to **send** contact **information** to others who can merge it into their ACT databases. Says that the Mobule User **Synchronization** **feature** allows you to perform field-by-field merging, and the Notes tab automatically maintains a log of field value changes. Also says ACT's interface is easy to use. Rates ACT four-and-one-half windows out of five, and awards it the WINDOWS Magazine Recommended seal. Includes one screen display and a product summary. (jo)

Descriptors: Contact Manager; Window Software; Software Review; Sales ; Business

Identifiers: ACT; Symantec

19/5/42 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00435111 96LM09-006

Choose your own route -- Routing protocols take a simple packet header and give it some direction. But use caution: these wide area crossing guards are...

Geier, Jim

LAN , September 1, 1996 , v11 n9 p103-108, 4 Page(s)

ISSN: 1069-5621

Product Name: Router Information Protocol; OSPF; Intermediate System-to-Intermediate System

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Focuses on how to choose a routing protocol for a network, noting that routing protocols both determine the best path for forwarding packets through the **network** and transport the packets through the **network**. Indicates that the Routing **Information** Protocol maintains optimum routing paths by **sending** out routing update messages, when the **network** topology **changes**, and **features** hop-count limits, hold-downs, and split horizons. States that open shortest path first (OSPF) is quickly becoming the industry standard protocol, and it supports the requirements of larger networks, such as special service requests, support for multiple Network-layer protocols, and authentication. Calls OSPF a link state routing protocol (LSRP). Notes that the Intermediate System-to-Intermediate System protocol is also an LSRP but was developed specifically for the OSI network architecture and is not optimized for TCP/IP, as is OSPF. Includes three illustrations. (jo)

Descriptors: Network Management; Router; Data Transmission; Data Communication; Standards

Identifiers: Router Information Protocol; OSPF; Intermediate System-to-Intermediate System

19/5/43 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00426655 96B006-007

**Vote America**

Harris, Karen

Booklist , June 1, 1996 , v92 n19/20 p1746, 1 Page(s)

ISSN: 0006-7385

Company Name: Virtual Entertainment

Product Name: Vote America

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Hardware/Software Compatibility: Microsoft Windows; Macintosh; CD-ROM Drive; 386-based PC

Geographic Location: United States

Presents a very favorable review of Vote America (\$19), a political science CD-ROM from Virtual Entertainment of Needham, MA (800). Requires a CD-ROM drive and a Macintosh or a 386-based PC, 4MB RAM (8MB recommended), and Microsoft Windows. Aimed at grades nine through twelve. Reports that this CD is a guide to the 1996 presidential elections which introduces the players and presents their positions on critical issues. **States** that the disc can be **updated** by accessing **America Online** and **downloading** more recent **information**. Considers it a real find because of the excellent quality images, the content good, the ease of use, and the ability to keep information current. (bjp)

Descriptors: Politics; Political Science; Software Review; Window Software; Macintosh; CD-ROM; Secondary Education

Identifiers: Vote America; Virtual Entertainment

19/5/44 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00298363 92DC12-002

US carriers: Variations on a rebuilding theme -- Long-range development plans reflect some surprising differences

Johnson, Johna Till

Data Communications , December 1, 1992 , v21 n18 p68, 70-72, 4 Page(s)

ISSN: 0363-6399

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Presents an overview of moves being made among leading US data carriers in revamping their networks in anticipation of the emerging wide-area technologies. Examines these carriers' views regarding the implementation of particular technologies such as frame relay, switched multimegabit data service (SMDS), asynchronous transfer mode (ATM) and synchronous optical network (Sonet) technologies. Discusses also the relevance of the high-rate digital subscriber loop and asymmetric digital subscriber loop transmission encoding schemes as well as other technologies such as advanced network services based on high-level protocols and wireless communications to their future plans; examines strategies being suggested by these networks for the integration of these technologies. Includes a table and an illustration. (PAM)

Descriptors: Data Communication; Systems Integration; Networks; Upgrade

19/5/45 (Item 8 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00178571 88IT10-031

People on the move within the industry

Information Today , October 1, 1988 , v5 n9 p34

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

PEOPLE LINE feature notes several recent personnel changes in the following companies/associations: BIOSIS; The Source; Data Research; the Electronic Funds Transfer Association (EFTA); Information on Demand, Inc.; World 'Vest-Base; and ADC Telecommunications. Includes one photo. (bs)

Descriptors: People; Management; Corporate Information; Personnel; Associations

19/5/46 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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05434610

Agieren statt reagieren

GERMANY - ITENOS TO BECOME LIMITED COMPANY

Gateway (GY) 0 October 1992 p18,20

ISSN: 0936-6638

Language: German

International Telecom Network Operation Services (ITENOS) (Bonn, Germany), supplier of network management services, will become a limited company on 1 April 1993, changing its status from that of a project group. ITENOS is a JV between DETECON, Telekom's telecoms consultancy subsidiary, TDT Transfer Data Test (Essenbach, Germany), 'X-25' and remote diagnosis firm, as well as Gricon Beratungsgesellschaft fuer Tele- & Datenkommunikation, which holds the smallest ITENOS stake. DETECON will have a 51% stake in ITENOS as a limited company, with TDT owning three quarters of the remaining 49% stake, and Gricon a quarter. Extended article further discusses ITENOS as a company in greater detail.

COMPANY: INTERNATIONAL TELECOM NETWORK/; DETECON; TELEKOM; TDT TRANSFER DATA TEST; GRICON BERATUNGSGESELLSCHAFT FUER/  
PRODUCT: Network Management (3661NM);

EVENT: COMPANY/ORGANISATIONAL HISTORY (12); COMPANY/ORGANISATIONAL HISTORY (12); COMPANY ACQUISITION - 50% - BELOW 75% (16); COMPANY PROFILE (10);  
COUNTRY: Germany (4GER); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420);

19/5/47 (Item 2 from file: 583)

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04540227

Cooperation-competition pour France Telecom a l'etranger

FRANCE - FRANCE TELECOM EXPANDS OVERSEAS

Agence Economique & Financiere (AEF) 13 September 1991 p14

ISSN: 0755-1940

Language: French

France Telecom, telecoms operator, changed its status on 1st January 1991, mainly to enable it to develop overseas. It had a net profit of FFr5.5 bil on turnover of FFr115 bil in 1990, making it one of the top five or six telecommunications operators in the world. It makes only 0.5% of revenue overseas, not including international telephone traffic, which **accounts** for 17% of turnover. It wants to earn 10% of revenue, FFr20 bil, overseas by 2000. To this end, it is forming partnerships and taking stakes in companies, and opening overseas offices, spending around FFr3 bil in 1991. It has formed Eucom, a JV with Deutsche Bundespost (Germany), to handle value added services. It has also bid to set up a radiotelephone network in Hungary, in JV with British Telecom and Deutsche Bundespost. It has formed a partnership with Maxwell to form a JV company to offer a satellite communications service to European businesses. It has formed a JV with Ameritech to build and operate a radiotelephone network in Poland, and another with US West to operate Minitel in the US, and another with ATT to interconnect private networks between the US and France. It has taken a 32.5% stake in Entel (Argentina) and 24.5% in Telmex (Mexico), both newly privatised telephone operators. It has also taken 20% of RAM Mobile **Data** ; (UK), involved in radio **data transmission** , 10% of Phonepoint, personal telephones, a 16.7% stake in the American **data network** , and a stake in the Dutch videotex service. It has also opened sixteen offices overseas, including the US, the UK and Japan.\*\*

COMPANY: FRANCE TELECOM; DEUTSCHE BUNDESPOST; EUCOM; BRITISH TELECOM; MAXWELL

PRODUCT: Telecommunications Services (4810);

EVENT: COMPANY PROFILE (10); COMPANY ACQUISITIONS (16);

COUNTRY: France (4FRA); Northern Europe (414); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

19/5/48 (Item 3 from file: 583)

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03652378

X.25 STANDARD STILL DOMINANT

WORLD - X.25 STANDARD STILL DOMINANT

Connect (CNT) 0 August 1990 p19-22

The CCITT X.25 packet switching standard is still widely used throughout the world in spite of being around 20 years old. Accepted as a formal standard in 1980, X.25 is the global standard for **data transmission** by packet switched methods on both private and public **networks** . It is used in both connection mode routing and connectionless **modes** . X.25 is **updated** every four years but its role as a global standard is not hampered by the differences between the different versions produced, currently numbering 42. The major differences between the various X.25

standards are detailed in the article. However, with different countries implementing X.25 in different ways, connections between national networks can be lost altogether and set-up takes longer. On average, 18% of calls across the public data network in Europe will fail, according to EUSIDIC, the European Association of Information Services. Data line analysis equipment is frequently used to spot such problems, and is becoming increasingly sophisticated. The need for greater uniformity between X.25 implementation and standards of network functioning throughout Europe is becoming more urgent as ISDN becomes more widespread. The NET scheme is being used by ETSI to standardise X.25 and product tests on NET-based systems have begun in W Germany and the UK. Many experts believe that there will be further development of X.25 but that its evolution will take a different direction from that of the past. Article examines X.25 standard and its future in detail.

PRODUCT: Data Communications (4811DC); Public Networks (4811PN);  
EVENT: MARKET & INDUSTRY NEWS (60);  
COUNTRY: Earth - Planet (0W);



Set	Items	Description
S1	0	AU=(YODO, F? OR YODO F?)
S2	65374	NETWORK? OR INTERNET OR INTRANET OR EXTRANET OR ONLINE OR - ON()LINE OR WEB? OR WWW OR LAN OR WAN OR ELECTRONIC? OR COMPU- TERI? OR AUTOMATE? OR SERVER? OR HOMEPAGE? OR HOME()PAGE?
S3	29675	TERMINAL? ? OR NODE OR NODES OR PC OR CPU
S4	44448	INFO OR INFORMATION OR DATA
S5	6020	ACCOUNT?
S6	14874	TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL- OAD?
S7	17715	SYNC? OR UPDAT? OR UP() (DATE? OR DATING) OR MODIF? OR ALTE- R??? OR CHANG???
S8	31194	STATE? ? OR STATUS OR ATTRIBUT? OR FEATURE? OR MODE OR MOD- ES
S9	1896	S7(10N)S8
S10	92	S9 AND S4 AND S5
S11	77	S10 AND (S2 OR S3)
S12	57	S11 NOT PY>1998
S13	57	S12 NOT PD=19991117:20020916
S14	25	RD (unique items)

?show files

File 256:SoftBase:Reviews,Companies&Prods. 82-2002/Aug  
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*Considered 7/4/05*

14/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00114898

DOCUMENT TYPE: Review

**PRODUCT NAMES:** ACT! 4.0 Windows 95 & NT (019253); GoldMine 4.0 (672068); Janna Contact Professional (738344); Maximizer 5.0 (723479); Sharkware 4.0 (455504)

**TITLE:** Tools for Time Management

**AUTHOR:** Broida, Rick

**SOURCE:** Computer Shopper, v18 n12 p271(4) Dec 1998

**ISSN:** 0886-0556

**HOME PAGE:** <http://www.computershopper.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Comparison

**GRADE:** Product Comparison, No Rating

Symantec's ACT! 4.0 for Windows 9x/NT, GoldMine Software's GoldMine Standard Edition 4.0, Janna Systems' Janna Contact Professional, Multiactive Software's Maximizer 5.0, and CogniTech's Sharkware 4.0 are five reviewed contact managers. Such tools hold important **information** about clients and co-workers and assist users in coordinating daily activities. A history of dealings with contacts, including letters, follow-up calls, conferences, and other communications, is also maintained. Any conflicts in the appointment calendar are flagged, and the user can share schedules with other team members. Among many advanced **features** provided are **Internet** connectivity, directly **synchronization** with the PalmPilot handheld computer, project management, wizard-based importing, and dedicated sales and marketing tools. ACT! 4.0 has the most powerful **Internet** support available, except for GoldMine. It provides an integrated e-mail module that supports multiple **accounts** and **Internet** links that allow the user to obtain many necessities, including street maps and stock quotes. GoldMine 4.0's feature set is almost identical to ACT! 4.0's, but its sales and marketing tools are more powerful, with support for sales automation, project management, and workgroup scheduling. Janna Contact Pro is easy-to-use with an attractive interface, while Maximizer 5.0 has many interesting e-commerce tools. Sharkware 4.0 helps users track contacts' birthdays, hobbies, and sports interests, and it has some useful built-in **Internet** links.

**COMPANY NAME:** Interact Commerce Corp (523836); FrontRange Solutions Inc (504793); Siebel Systems Canada Ltd (598798); Multiactive Software Inc (441261); CogniTech Corp (562343)

**SPECIAL FEATURE:** Charts Screen Layouts

**DESCRIPTORS:** Address Books; Calendars; Desk Accessories; E-Mail Utilities; Groupware; Handhelds & Palmtops; IBM PC & Compatibles; Personal **Information** Management; Sales Force Automation; Windows; Windows NT/2000

**REVISION DATE:** 20020124

14/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00114120

DOCUMENT TYPE: Review

**PRODUCT NAMES:** BNA Fixed Assets Next Dimension (640077); Depreciation Solution Windows (381616); FAS Encore (650137); GoSystem Depreciation Plus (738174); ProSeries Fixed Asset Manager (738194)

**TITLE:** Fixed Assets 1998 Report! The Year 2000 will force many firms to...

**AUTHOR:** Davis, Tom C

**SOURCE:** Accounting Technology, v14 n10 p34(5) Nov 1998

**ISSN:** 1068-6452

HOMEPAGE: <http://www.electronicaccountant.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Fixed asset packages are moving to Windows, and as the year 2000 approaches, many vendors are upgrading their offerings. BNA Software's BNA Fixed Assets Next Dimension, Creative Solutions' Depreciation Solution for Windows, Best Software's FAS Encore, CLR Professional Software's GoSystem Depreciation Plus, and Intuit's ProSeries Fixed Asset Manager are all mature products with robust features. BNA is a 32-bit application for Windows that can handle the largest of depreciation **information** requirements and can handle an almost unlimited number of depreciation books. The wizards make the package easy-to-use, and it requires no period closing or year-end rollover, which is handy for when **accountants** must provide fixed asset **information** before the prior year's fixed asset decisions have been made. Depreciation Solution for Windows is the successor to the popular DOS version. **Information** is organized into a file folder format, and adding assets is straightforward. FAS Encore is best suited for larger organizations and has extensive reporting capabilities. It converts **data** from many other applications, and offers extensive **online** help. GoSystem is the fixed asset component of CLR's suite of **accounting** applications. It takes a current **state** approach to keeping depreciation **information**, which makes it possible to **change** an asset's **data** at any time during its life. ProSeries is part of Intuit's suite of **accounting** software. It has 35 predefined reports and a custom report writer, and takes a wizard approach to creating asset labels and executing other common tasks.

COMPANY NAME: BNA Software (399914); Creative Solutions Inc (497789); Best Software Inc (483095); RIA (550621); Intuit Inc (447013)

DESCRIPTORS: **Accountants**; Asset Management; Depreciation; Financial Calculations; IBM **PC** & Compatibles; Windows

REVISION DATE: 20011030

14/5/3

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00112086

DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Site Server 3.0 Commerce Edition (658057)

TITLE: Publish Web sites with Site Server 3.0

AUTHOR: Pleas, Keith

SOURCE: Visual Basic Programmer's Journal, v8 n10 p23(2) Sep 1998

ISSN: 1066-5978

HOMEPAGE: <http://www.vbpj.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Microsoft's Microsoft Site **Server** 3.0 (SS3) has tools for publishing content on a **Web** site; providing search abilities; and delivery of content to users through personalized memberships or **Internet** Explorer channels. Tools are also provided for analysis of log **data** and site structure. The Commerce Edition (previously the Enterprise Edition) provides Commerce **Server**, which originated in Microsoft Commercial **Internet** Services, and uses a pipeline process to manage commercial transactions. SS3 requires IE 4.01 and **Internet Information Server** (IIS) 4.0 from the Windows NT Option Pack. The Commerce Edition also requires SQL **Server**, but some parts will work with Oracle through Open Database Connectivity (ODBC). For publishing, a content management facility eases submission, approval, and content deployment to one or multiple sites using templates. Search functions start with catalogs, which are built

using common **Internet** protocols. The Personalization and Membership feature has been revamped to permit visitors to subscribe, arrange for subscriptions, **state** preferences, and make **modifications** to their **accounts**. Commerce **Server**'s pipeline process manages orders through a sequence of steps, including pricing, inventory check, taxing, payment authorization, and shipping. SS3's elaborate publishing process uses a proprietary system of named attributes that allows users to post content without using Hypertext Markup Language (HTML) or getting involved in World Wide **Web** site development.

COMPANY NAME: Microsoft Corp (112127)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: **Electronic** Publishing; IBM PC & Compatibles; **Internet** Explorer; **Internet** Marketing; **Network** Servers ; Order Fulfillment; **Web** Servers ; **Web** Site Design  
REVISION DATE: 20020630

14/5/4

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00108481 DOCUMENT TYPE: Review

PRODUCT NAMES: **QuickBooks Pro 6.0** (585904); **Peachtree Complete Accounting 6.0 Windows** (011451)

TITLE: **Multiuser** Accounting  
AUTHOR: Graven, Matthew  
SOURCE: PC Magazine, v17 n11 p36(1) Jun 9, 1998  
ISSN: 0888-8509  
HOMEPAGE: <http://www.pcmag.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

QuickBooks Pro 6.0 from Intuit and Peachtree Complete **Accounting** for Windows 6.0 from Peachtree Software are both good products for small businesses with less than 100 employees. QuickBooks has added full 32-bit support and multi-user features to version 6.0. There is also a basic version that is less expensive and does not provide support for multiple users. The help system has been revised, and an array of features added. Quicken Home and Business users can import their **data** into QuickBooks easily. QuickBooks provides **online** banking and bill payment services. It can generate payroll and unbilled costs by job reports. For multi-user tracking, the Audit Trail **feature** tracks any **changes** to transactions and reports. Password protection and close dates can be used to protect **data**. Peachtree Complete **Accounting** for Windows 6.0 is especially intended for manufacturers or small businesses that sell products. An additional package, Peachtree Complete **Accounting** Plus Time and Billing 6.0 is intended for providers of professional services. Multi-user features, business management tools, and new navigational aids come with Peachtree's product. Multiple users can work in the same file simultaneously. Password security is provided.

COMPANY NAME: Intuit Inc (447013); Peachtree Software Inc (129241)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: **Accounting** ; **Accounts Payable** ; EFT ( **Electronic** Funds Transfer); IBM PC & Compatibles; **Network** Software; Small Business; Windows  
REVISION DATE: 20020630

14/5/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00108245

DOCUMENT TYPE: Review

PRODUCT NAMES: EZTrak (646547); EZView (704199)

TITLE: TSL/BRITE Call Accounting

AUTHOR: Chilton, Liz

SOURCE: Teleconnect, v16 n3 p28(1) Mar 1998

ISSN: 0740-9354

HOME PAGE: <http://www.teleconnect.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

TSL Brite, a widely used service bureau call **accounting** and IT **accounting** service, has expertise in serving larger companies that need systematized telemanagement services over more than one phone system and multiple facilities, and which have heavy calling traffic. TSL/Brite operates by installing Western Telematic or TSB pollable buffers behind the customers' private branch exchanges (PBXs), then polls to download records and processes them in large databases, prices them, and generates reports. The user can obtain continuous toll-fraud monitoring; **automated** tariff **updates**; and many other **features**. One of TSL/Brite's largest customers, a large New York-based merchant bank, uses the CD-ROM version of EZView software that allows users to print reports on demand, to eliminate paper glut. The EZ-Trak CD-ROM stores not only processed **data**, but raw **data** also, so that users can create unlimited quantities of customizable reports. The advantages of using service-bureau call **accounting** include large capacity, integration of **data** from multiple locations and multiple switch vendors' products, expertise in dealing with tariffs, area code changes, and other costing and record management issues, **data** archival, and daily, around the clock support.

COMPANY NAME: TSL Services (595781)

SPECIAL FEATURE: Charts

DESCRIPTORS: Call **Accounting**; Telecommunications; Telephone Monitoring

REVISION DATE: 20020819

14/5/6

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00105861

DOCUMENT TYPE: Review

PRODUCT NAMES: Quicken Deluxe 98 Macintosh (541478)

TITLE: Quicken Deluxe 98

AUTHOR: Sharp, Wendy

SOURCE: Macworld, p38(2) Jan 1998

ISSN: 0741-8647

HOME PAGE: <http://www.macworld.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

Intuit's Quicken Deluxe 98 **accounting** software offers several new features and financial planning tools, along with QuickTime movies and interactive help. The program's **account** lists, known as Registers, have a new Shortcuts button for scheduling or moving transactions through a pop-up menu. The same menu can be used to quickly create reports on a transaction's payee or category. The Splits window will now automatically **change** sizes to display more items, and an especially attractive new **feature** is the new **account** bar, which appears at the bottom of the screen and lets users switch quickly between **accounts**. The reports have also been enhanced, and a Sample view has been added that shows an example of a report when its name is clicked on. The program's **online** banking

features have been improved, and users can sign up for the Intuit **Online** Payment program, which lets users make **online** payment from any checking **account** in the U.S. The handy Tax Deduction Finder will take users on a step-by-step search for qualifying deductions. It has also added several new links to **Web** sites, which offer **information** about insurance, investments, mortgages, and financial planning.

PRICE: \$60

COMPANY NAME: Intuit Inc (447013)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Apple Macintosh; Financial Planning; MacOS; Personal Finance; Small Business

REVISION DATE: 20001130

14/5/7

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00105503

DOCUMENT TYPE: Review

PRODUCT NAMES: **AM-Tax Professional 1996** (646873); **A.Plus.Tax 1996 Windows** (279137); **Lacerte Tax Software 1996** (678651); **GoSystem Windows 1996** (740853); **ProSeries 1996** (770213)

TITLE: **Tax Software Buyer's Guide**

AUTHOR: Zarowin, Stanley Spilker, Brian Worsham, Ron Romney, Marshall

SOURCE: Journal of Accountancy, v184 n3 p49(27) Sep 1997

ISSN: 0021-8448

HOMEPAGE: <http://www.aicpa.org>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

AM Software's AM-Tax Professional, Arthur Andersen's A.Plus.Tax for Windows, Lacerte Software's Lacerte Tax Software, CLR's Fast-Tax GoSystem for Windows, and Intuit's TurboTax Federal Pro Series are among products highlighted in a buyers' guide to tax software. 12 faculty and students at Brigham Young University examined the 12 reviewed products. The products were compared for system requirements; technical support; number of customers; features and functions; support for **electronic** filing; and pricing. Each program was put through a 'stress test' in which it was challenged to compute a complex tax situation for an imaginary family with a self-employed, high-income taxpayer. Some products support DOS only, some support Windows 3.x only, and some support DOS, Windows 3.x, and Windows 95. 1996 tax products were tested, and vendors were asked to **state** what new **features** or **changes** can be expected in their releases for the 1997 tax year. Two programs handled the test case well, while others had some problems. In one case, **data** did not flow to the proper forms or schedules, while other errors included tax judgment errors that required testers to override the program to fix the return. Sometimes false **data** had to be entered to generate the proper answer.

COMPANY NAME: Drake Software (638064); Arthur Andersen & Co (474771);

Lacerte Software Corp (368989); RIA (550621); Intuit Inc (447013)

SPECIAL FEATURE: Buyers Guides

DESCRIPTORS: **Accountants** ; IBM **PC** & Compatibles; Income Tax; Tax

E-Filing; Tax Return Preparation; Windows

REVISION DATE: 20020819

14/5/8

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00103766

DOCUMENT TYPE: Review

PRODUCT NAMES: Time & Profit 2.0 Windows (621005)

TITLE: Track Time and Expense Together

AUTHOR: Yakal, Kathy

SOURCE: Computer Shopper, v17 n9 p395(1) Sep 1997

ISSN: 0886-0556

HOME PAGE: <http://www.computershopper.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

Time & Profit 2.0 from BytePro Corporation is a good **accounting** and billing tracking program for small businesses that depend on time-billing for much of their income. Time & Profit can be used on standalone or **networked** computers. It is recommended most for users who will not mind the lack of help either through the F1 key or on-screen from context sensitive boxes. The tools provided with the program enable creation of databases of clients and service providers, from which billing **information**, invoices, and a calendar of scheduled events can be produced. Reports can be created, and checks can be written and deposits recorded. 18 report formats are available. It has four sections: Clients, Calendar, Billing, and Checkbook. New **features** in version 2.0 are on-screen billing previewing and **modification** options, drill down capability through billing line items, and on-the-fly **data** entry to the databases. ASCII imports and exports and Quicken imports are also now supported.

COMPANY NAME: Time & Profit Corp (616371)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: **Accounting**; Calendars; IBM PC & Compatibles; Professional Time & Billing; Small Business; Time **Accounting**; Windows

REVISION DATE: 20011030

14/5/9

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00102825

DOCUMENT TYPE: Review

PRODUCT NAMES: ACCPAC Simply Accounting 5.0 (017809)

TITLE: Features Catch Up, Usability Falls Short

AUTHOR: Yakal, Kathy

SOURCE: Windows Sources, v5 n6 p90(1) Jul 1997

ISSN: 1065-9641

HOME PAGE: <http://www.winsources.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

ACCPAC's (Computer Associates') ACCPAC Simply **Accounting** for Windows 5.0, an **accounting** package that provides a framework for double-entry bookkeeping, adheres to generally accepted **accounting** procedures (GAAP) and integrates standard general ledger, **accounts** payable and receivable, payroll, inventory, and simple project tracking features. Users can create and customize forms and reports and create to-do lists. Other new features are purchase order processing; **automated** calculation of payment terms and discounts; and drill down in reports. Simply **Accounting** competes with Peachtree **Accounting** and QuickBooks. A Setup Wizard is included to create a chart of **accounts**, and 13 samples are included. The wizard also establishes variables, including tax rates and fiscal year. Backup/restore is easier and users can retain two years' **data** at any given time. Users can also post to earlier periods, set up viewing passwords, and **modify data** by module. However, Simply **Accounting**'s **features** do not have the scope of competing products. For instance, boilerplate customer, vendor,

inventory, and project-tracking fields do not allow use of shipping address, and do not provide customized fields and extended financial and progress monitoring for projects. Simply **Accounting** needs to support much more important financial detail and is far too inflexible in this respect.

PRICE: \$129

COMPANY NAME: ACCPAC International Inc (649775)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: **Accounting ; Accounts Payable ; Accounts Receivable ;**  
Financial Reporting; General Ledger; IBM PC & Compatibles; Inventory;  
Payroll; Windows  
REVISION DATE: 20020227

14/5/10

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00102330 DOCUMENT TYPE: Review

PRODUCT NAMES: TakeControl 97 (492264); TELEMATION UNIX (015378);  
Tele-Scope (381438); MarketForce Plus (381331); MSM/400 (667404);  
MSM/Windows (667412)

TITLE: how to run smooth campaigns  
AUTHOR: Fleischer, Joe  
SOURCE: Call Center Magazine, v10 n3 p89(6) Mar 1997  
ISSN: 1064-5543  
HOMEPAGE: <http://www.callcentermagazine.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Telemarketing software can provide agents with the tools to make better contacts and sales. TakeControl 97 from Brock International adds two new **features** to this upgrade, database **synchronization** and localization, which translates the screen into different languages. TELEMATION from Database Systems is a UNIX program that features standard telemarketing capabilities along with flexible scripting, preview, and progressive dialing. Davis Software Engineering's Tele-Scope allows the inclusion of an ACD or predictive dialer with telemarketing software. It also generates detailed statistics that indicate whether agents are below call center thresholds. Marketing **Information** Systems' MSM/400 is a versatile program for an AS/400 system. MSM/Windows sits on top of MSM/400, making it as easy-to-use as a PC running Windows. Unitrac from Unitrac Software offers a convenient graphical calendar and other scheduling features as well as a word processing program that can be used by field sales reps to generate follow-up reports. Software of the Future/MarketForce's MarketForce Plus contains features that allow users to gather **information** from departments, such as sales and **accounting**, with telemarketing results.

COMPANY NAME: Firstwave Technologies (400505); Database Systems Corp (031763); Davis Software Engineering Inc (526975); Staffware Corp (627631); Marketing **Information** Systems Inc (058599)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Autodialers; Call Centers; Employee Supervision; IBM AS/400; IBM PC & Compatibles; Scheduling; Telecommunications; Telemarketing; Telephone Monitoring; UNIX; Windows  
REVISION DATE: 20011030

14/5/11

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00101792 DOCUMENT TYPE: Review



PRODUCT NAMES: **Sagent Data Mart Solution 2.0 Windows 95 & NT** (653926)

TITLE: **Sagent Offers One-Stop Data Shopping**

AUTHOR: Shumate, John

SOURCE: PC Week, v14 n19 p51(2) May 12, 1997

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Sagent Technology's Sagent **Data Mart Solution (SDMS) 2.0** provides powerful, well-implemented **data** management, analysis, and extraction needs, and is rated very good overall. Usability and manageability are rated excellent while capability, performance, and interoperability are good. **Data Mart** competes with IBM's Visual Warehouse and Informatica's PowerMart in the **data** movement and management market, but neither product has **Data Mart's** end-user analysis or World Wide **Web** link components. **Data Mart** is also easier to install and use than either of the competing applications, and it has one of the best graphical user interfaces (GUIs) available. **Data Mart** has **data** mart design and management tools, source **data** extraction and transformation tools, and 20 sets of end-user **data** analysis tools. All the above products, as well as a **Web** link component that provides access for an unlimited number of browser users, are sold bundled for \$105,000. **Data Mart** supports metadata repositories and target **data** marts via native driver support for Microsoft's Microsoft SQL **Server**, Oracle databases, and Sybase's SQL **Server**. Red Brick Warehouse, DB2, and Informix Software's RDBMSs are also supported, but only as target **data** marts, not as metadata repositories. The Admin feature provides versatile management tools, including user **accounts**, multiple types of users groups, and several user roles. Users easily added and **changed accounts** and set access levels for all **data mart features**.

PRICE: \$65000

COMPANY NAME: Sagent Technology Inc (620106)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Database Management; DB2; Decision Support Systems; IBM PC & Compatibles; **Information** Retrieval; Informix; Oracle; Windows; Windows NT/2000

REVISION DATE: 20000830

14/5/12

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00101693

DOCUMENT TYPE: Review

PRODUCT NAMES: **Eudora WorldMail Server** (663301)

TITLE: **WorldMail Server : A Must-See**

AUTHOR: Yerxa, Greg

SOURCE: Network Computing, v8 n11 p38(2) Jun 15, 1997

ISSN: 1046-4468

HOME PAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

QUALCOMM's Eudora WorldMail **Server** fully supports all mail **server** functions to offer a comprehensive and economical solution for large corporations that need a **PC**-based mail **server** or for small firms implementing mail **server** systems. WorldMail **Server** works with the excellent Eudora Pro e-mail client to provide a full- **featured** lightweight-to-mid-sized mail **server** that can process **changing** user

loads. It provides intuitive World Wide **Web** interfaces and a streamlined, well-coordinated Management Center. Automatic mailing list management tools allow users to add and delete their IDs from any list. Other features provided include support for Lightweight Directory Access Protocol (LDAP) for directory services and individual **account** management and support for directory lookup services, including Ph, which is an **Internet** -based telephone directory. LDAP is used by WorldMail **Server** as a management tool to keep user and configuration **data** in the LDAP directory's structure. Any organization thinking of adding **intranet** or **Internet** mail services to a **network** should consider WorldMail **Server** . LDAP support is robust, and includes password access to the LDAP directory to allow users to gain access to and change their own directory entries. **Web** access is also provided to user **accounts** for configuration of autoresponses and passwords for **accounts** .

PRICE: \$179

COMPANY NAME: QUALCOMM Inc (574244)

SPECIAL FEATURE: Screen Layouts Charts

DESCRIPTORS: E-Mail Utilities; **Internet** Utilities; **Network** Servers ;  
**Web** Servers

REVISION DATE: 20010430

14/5/13

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00101089

DOCUMENT TYPE: Review

PRODUCT NAMES: Wall Street Analyst Deluxe 3.0 Windows & 95 (560049)

TITLE: **Become an Online Tycoon**

AUTHOR: Yakal, Kathy

SOURCE: Computer Shopper, v17 n4 p468(2) Apr 1997

ISSN: 0886-0556

HOME PAGE: <http://www.computershopper.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

Omega Research's Wall Street Analyst Deluxe 3.0 is an upgrade that offers expanded features to an already comprehensive analysis of investment activity. A highly customizable program, Wall Street Analyst provides sophisticated technical analysis tools for charting downloaded price **data** . New **features** in this upgrade include **updated** expert advice, increased automation and customization tools, and new indicators and **data** formats. Wall Street Analyst Deluxe accesses price **data** with an application called the Omega Downloader. Users then designate an existing dial-up **account** with DialData or open a new DialData **account** . Users can also use an existing **Internet** **account** to bypass the monthly subscription fee, but access is limited to the Dow 30 symbols and the Dow Industrial Average Index. Users then earmark **data** for downloading. Analyst Deluxe then creates charts on stock performance, incorporating **data** from a list of 68 technical indicators. To help users analyze these extensive charts, the program includes two Expert Indicators, based on the work of well-known market authorities.

COMPANY NAME: TradeStation Group Inc (560715)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Business Graphics; IBM **PC** & Compatibles; Investment Analysis; Personal Finance; Stock Market; Windows

REVISION DATE: 20020819

14/5/14

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00099983 DOCUMENT TYPE: Review

PRODUCT NAMES: X.500 (830065); LDAP (837831)

TITLE: Seeing the Light

AUTHOR: Kramer, Matt

SOURCE: EDI World, v6 n12 p25(3) Dec 1996

ISSN: 1055-0399

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

A limited version of the International Telecommunication Union's (ITU's) X.500 directory is provided with the latest version of the Lightweight Directory Access Protocol (LDAP) to create an **Internet**-centered directory that is creating more interest in X.500. X.500 is an Open Systems Interconnection global **electronic** directory that is available from many vendors. X.500 has expanded continuously since 1988 to add new services and is becoming an enterprisewide directory of all corporate resources, including people, applications, and equipment. Common attributes for multiple platforms can be mapped to one source in an X.500 directory, to allow single-instance **data** maintenance instead of multiple directory maintenance. X.500 is both scalable and extensible and is not limited by a proprietary **feature** set. Directory **synchronization**, including that needed when creating an e-mail directory, is not difficult. LDAP has led to creation of World Wide **Web** browsers used to directly display X.500 directories, providing a particularly powerful X.500 implementation. Employees can now update **information** in an enterprise directory, with security managed by X.500's controls. For example, one change to a vendor's mailing address can be entered once to an enterprise directory and be **electronically** synchronized to an EDI database for entry in purchase orders, **accounting** transmittals, marketing database, and vendor database **accounting information**.

COMPANY NAME: Vendor Independent (999999)

DESCRIPTORS: Communications Protocols; Communications Standards; E-Mail;

EDI (**Electronic Data** Interchange); **Internet**

REVISION DATE: 20010330

14/5/15

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00098764 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Aurum Software Inc (861758)

TITLE: Aurum In Demand

AUTHOR: Gambon, Jill

SOURCE: Information Week, v603 p87(3) Oct 28, 1996

ISSN: 8750-6874

HOME PAGE: <http://www.informationweek.com>

RECORD TYPE: Review

REVIEW TYPE: Company

The idea behind Aurum Software was conceived when the vendor's co-founder, a former computing products sales representative, saw a need for software that links sales representatives to their corporate systems while 'on the road.' Aurum sells applications that link sales staff to order-entry and financial suites. The tools help the salespeople get a better view of customers' buying patterns and **account** status, thereby helping the vendor to be more competitive. Aurum's revenues have almost tripled (to \$10.9 million) since 1995, and it may have an initial public offering (IPO) that

could garner \$22 million. Analysts and users say Aurum's advantages include advanced, effective technology and good timing. Its sales automation suite has a powerful **feature** set, especially for **data synchronization** between customer **account** management applications on remote sales representatives' laptops and corporate databases. The market for such tools is growing, as firms are installing front-office applications for sales and marketing. Aurum has several important **accounts**, including A.C. Nielsen and MCI. 3,400 of MCI's mobile sales representatives use the software. Such successes are prompting other prospective users to look at Aurum's products as scalable offerings that meet their needs. Netscape will provide SalesTrak software to 175 sales representatives for use in tracking leads from multiple sources, including those gleaned every day from Netscape's World Wide **Web** site.

COMPANY NAME: Aurum Software Inc (528323)  
DESCRIPTORS: Remote **Network** Access; Sales Analysis; Sales Force  
Automation; Software Marketing  
REVISION DATE: 20020703

14/5/16

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00098483 DOCUMENT TYPE: Review

PRODUCT NAMES: Time & Profit 1.0 Windows (621005); ACE Practice 2.1  
Windows (631787); Premier Practice Management 96.01 DOS (483141);  
OMS/Time & Billing 3.0 (516864); ET Enterprise DOS & Windows (646415)

TITLE: Make Time for Time and Billing  
AUTHOR: Bellone, Robert H  
SOURCE: Accounting Technology, v12 n9 p22(11) Oct 1996  
ISSN: 1068-6452  
HOMEPAGE: <http://www.electronicaccountant.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Comparison  
GRADE: Product Comparison, No Rating

BytePro's Time & Profit 1.0, Computer Language Research's ACE Practice 2.1, CPASoftware's Premier Practice Management 96.01, Creative Solutions' OMS/Time & Billing 3.0, and Deltek Systems' **Electronic Timesheet** are among 21 reviewed time and billing products for **accountancy** (and possibly law) practice management. Many products are now available for Windows. Time & Profit is an example, with modules for clients, calendar, time, billing, and **accounting**. This release is **updated** with many new **features**, including infinite numbers of service providers and larger pop-up windows. ACE Practice, formerly called TKR for Windows, is easy-to-use and flexible running under Windows. No month-end closing is supported, so ACE Practice is versatile enough to allow process billing at any time; users can also do quick, facile **data** drill-downs, including **information** for billed or unbilled transactions. Premiere's 96.01 update provides many enhancements, including billing worksheets, separate lines on the Time Exception Report for daily billable and nonbillable time, and new indicators that allow users to locate banked and used hours easily. OMS/T&B has over 200 new enhancements that make billing more versatile and easier via changes in summary and detail levels of the reporting structure. **Electronic Timesheet** is part of the Costpoint client/ **server** project **accounting** system, and can also be used alone.

COMPANY NAME: Time & Profit Corp (616371); RIA (550621); CPASoftware  
(576026); Creative Solutions Inc (497789); Deltek Systems Inc  
(518794)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: **Accountants**; **Accounting**; CRM; Professional Service  
Automation; Professional Time & Billing; Time Management  
REVISION DATE: 20011030

14/5/17

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00098425 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Team Manager 97 Windows 95 & NT (626872)

TITLE: Team Manager Cleans Your Big Mess  
AUTHOR: Stinson, Craig  
SOURCE: Windows Sources, v4 n12 p124(1) Dec 1996  
ISSN: 1065-9641  
HOMEPAGE: <http://www.winsources.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

Microsoft's Microsoft Team Manager 97, a product with many scheduling features for workgroups, provides group leaders with some unique and useful features, including a consolidated repository of all **information** related to the group's activities. The repository is the team file, and can include task scheduling **data**, cost- **accounting** and billing **information**, personnel details such as individual calendars, freeform notes, meeting agendas, performance evaluations, and more. Team Manager's framework enhances communication among managers and team members, because both can suggest and **modify** tasks, priorities, and deadlines, and enter task-**status information**. Each team member can choose Accept and Reply buttons during group discussions, which are conducted through e-mail (VIM and MAPI mail systems are supported), and task items are entered in the team file only when both parties have accepted. Team Manager works closely with Microsoft's Microsoft Schedule+ and Outlook 97, which are respectively the current and future scheduling components of Microsoft Office. Team members can store individual and team-related items in Schedule+ or Outlook, and can organize group activities automatically with Team Manager. The interface is much like Outlook's, with Notebook-type tables along the left side of the main screen that allow users to switch among Task, People, Notebook, and Vital Sign modules.

PRICE: \$109

COMPANY NAME: Microsoft Corp (112127)  
SPECIAL FEATURE: Charts Screen Layouts  
DESCRIPTORS: Employee Supervision; Groupware; IBM PC & Compatibles;  
**Network** Software; Project Management; Scheduling; Windows; Windows  
NT/2000  
REVISION DATE: 20000830

14/5/18

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00090305 DOCUMENT TYPE: Review

PRODUCT NAMES: Great Plains Dynamics LAN Windows (612103); Macola Progression Series (579068); MAS 90 for Windows (692301)

TITLE: The Second Annual Software Shoot-Out in Raleigh  
AUTHOR: West, Annette  
SOURCE: Management Accounting, v77 n8 p42(4) Feb 1996  
ISSN: 0025-1690  
HOMEPAGE: <http://www.imanet.org>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

At a recent product shoot-out conducted to determine how three popular financial software packages ease tasks for **accountants** and controllers, Dynamics **LAN** (DLAN), Macola Progression series (MPS), and MAS 90 Evolution/2 (MAS) were rated by **accountants** and software industry representatives. DLAN for Windows got the highest score, earning the most points for identifying and tracking transactions through the **data** entry operator, as well as a demonstration of **online** audit trail features. For company background, MAS got the highest score and DLAN was second. For how programs entered initial **accounts** receivable balances and customer histories, MAS earned the highest marks, and the other two contenders tied for second. Other tests include controller issues such as **changing accounts**, open architecture and tools, and **features** other than core accounting.

COMPANY NAME: Microsoft Great Plains Business Solutions (134490); Exact Macola Inc (352845); Best Software Inc (112178)  
SPECIAL FEATURE: Graphs  
DESCRIPTORS: **Accountants**; **Accounting**; Financial Reporting; General Ledger; IBM **PC** & Compatibles; LANs; Windows  
REVISION DATE: 20020618

14/5/19

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00086235 DOCUMENT TYPE: Review

PRODUCT NAMES: **Timeslips Deluxe Windows** (406497)

TITLE: **Timeslips Deluxe**  
AUTHOR: Staff  
SOURCE: Computer COUNSEL, v6 n9 p5(1) Sep/Oct 1995  
ISSN: 1044-1794  
HOMEPAGE: <http://www.aspenpub.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

Timeslips' Timeslips Deluxe Windows, the most popular time and billing program in the U.S., is often used in small- to medium-sized law offices. The low-priced, intuitive, and customizable Timeslips 5 was unanimously chosen by a law publication for time and billing. Windows installation and setup are easy, and personalization of the included Navigator tutorial is supported. Integrated features include Timeslips **Accounting** Link and TSRemote, a module for remote entry of time and expense slips via laptops. Records can be **modified** during bill preparation using proofing stage and billing assistant **features**. The new Timeslips Connection in the Deluxe product tracks long-distance phone calls; **data** are stored by the month on a diskette that adds the **information** into Timeslips. **Network** versions are available, and security functions are strong, including group and individual settings and profile cards with various security levels.

PRICE: \$179

COMPANY NAME: Best Software Inc (397491)  
DESCRIPTORS: Expense Tracking; IBM **PC** & Compatibles; Laptops; Law Firms; Legal; Professional Time & Billing; Time **Accounting**; Windows  
REVISION DATE: 20020422

14/5/20

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00082684

DOCUMENT TYPE: Review

**PRODUCT NAMES:** PhoneDisc Business (429139); Financing Sources Databank (582476); Government Giveaways for Entrepreneurs 3.0 (414875); Multimedia MBA (549711); Street Wizard (522678)

**TITLE:** Harnessing Information Overload  
**AUTHOR:** Stearman, Sam W  
**SOURCE:** PC Today, v9 n7 p38(3) Jul 1995  
**ISSN:** 1040-6484  
**HOME PAGE:** <http://www.pctoday.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Product Analysis  
**GRADE:** Product Analysis, No Rating

CD-ROM-based infobases cover a variety of topics, including government programs, business reference, and directories. Digital Directory Assistance's PhoneDisc Business lists all white page listings of all businesses in the U.S., including SIC code. It includes strong search **features**, and comes with quarterly **updates**. DataMerge's Financing Sources Databank helps identify financing resources, such as venture capitalists and investment bankers. Infobusiness's Government Giveaways for Entrepreneurs 3.0 includes a list of federal contract awards made during the prior fiscal year, and a list of federal government resources. SoftKey International's Multimedia MBA is a full business library including reference books, tutorials, and tools such as form letter and report templates and a general **accounting** program. Adept Computer Solutions' Street Wizard offers county maps, with useful utilities for planning delivery or sales routes.

**COMPANY NAME:** infoUSA Inc (511765); DataMerge Inc (610216); Infobusiness Inc (531499); Learning Co (367346); Adept Computer Solutions Inc (557935)  
**SPECIAL FEATURE:** Screen Layouts  
**DESCRIPTORS:** **Accounting**; Content Providers; Financial **Information**; Government Contractors; IBM **PC** & Compatibles; **Information** Retrieval; Mapping; Multimedia; Telephone Directories  
**REVISION DATE:** 20020618

14/5/21

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00078692

DOCUMENT TYPE: Review

**PRODUCT NAMES:** Intuity Interchange (531465)

**TITLE:** The A La Carte Online Service  
**AUTHOR:** Crowe, Elizabeth P  
**SOURCE:** Computer Currents, v13 n3 p77(3) Jun 13, 1995  
**ISSN:** 8756-0046

**RECORD TYPE:** Review  
**REVIEW TYPE:** Review  
**GRADE:** B

AT&T's Interchange **online** service is a sort of **electronic** 'vanity press,' in which author and reader pay for **information** published. Users select specific databases needed; for example, a user can choose to use only Washington Post Digital Ink, the genealogy forum, and Novell discussion threads. The primary service includes a Windows interface, Ziff-Davis Interactive Computing, and the Minneapolis Star Tribune **Online** or Washington Post Digital Ink; a Macintosh version is planned. Logon is easy, and the user can set the **account** up for automatic password entry. Users can send e-mail throughout the **Internet**, and Interchange allows multiple files to be attached to a message; the service also decodes and

encodes mail received and sent. An auto- **update** **feature** allows users to pick a particular forum or database for automatic update, and all changes are sent to the user.

COMPANY NAME: Lucent Technologies (586072)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: BBS (Bulletin Board Systems); Conferencing; Content Providers  
; **Information** Retrieval  
REVISION DATE: 20000830

14/5/22

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00075779 DOCUMENT TYPE: Review

**PRODUCT NAMES: DacEasy Accounting Windows 2.0 (000841)**

**TITLE: DacEasy: Full Contact Accounting**  
AUTHOR: Yakal, Kathy  
SOURCE: PC Magazine, v14 n6 p46(1) Mar 28, 1995  
ISSN: 0888-8509  
HOMEPAGE: <http://www.pcmag.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

DacEasy **Accounting** for Windows 2.0 is a hybrid contact management-**accounting** product that allows users to gain better access to customer and supplier **information**. The product has excellent functions for enhancing communication, including daily to-do lists, dated reminders, auto-dialing, and timed phone calls. The emphasis is still on **accounting**, however, with integrated General Ledger, **Accounts** Receivable, and other standard **accounting** modules. Users can import financial **data** in Quicken .QIF and Timeslips formats, but **data** from DacEasy **Accounting** for DOS cannot be imported. Sub-icons and lookup lists make it easy to enter records and transactions, and a new memorized transactions **feature** allows existing procedures to be **changed** and new transactions designed. Import/export is less extensive than that of Peachtree or QuickBooks.

PRICE: \$150

COMPANY NAME: DacEasy Inc (364495)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: **Accounting**; CRM; General Ledger; IBM PC & Compatibles;  
Personal **Information** Management; Small Business; Windows  
REVISION DATE: 20000830

14/5/23

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00072813 DOCUMENT TYPE: Review

**PRODUCT NAMES: LapLink Wireless with AirShare (501344)**

**TITLE: LapLink Wireless with AirShare**  
AUTHOR: Chen, Steven C M  
SOURCE: Accounting Technology, v10 n11 p55(3) Dec 1994  
ISSN: 1068-6452  
HOMEPAGE: <http://www.electronicaccountant.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A



Traveling Software's LapLink Wireless with AirShare uses radio waves instead of a physical connection to transfer **data** from a portable to a desktop computer. Any two PCs within 30 feet of each other can be connected. The radio modules are connected directly to the **PC**'s serial port. The software offers a great deal of functionality, including transparent access between both PCs' drives. PCs can also share the printers connected to the other computer's ports, and any **network** drives that may be connected to it. The remote **PC** can run under either Windows or DOS. Software must be installed on both the portable and desktop, and the channel settings on both hardware modules must be the same. To activate it, a Windows-based Control Center is activated and the connection is specified. Security can be added by requiring a password. It has a **synchronization feature** for keeping files current between two machines.

PRICE: \$300

COMPANY NAME: LapLink Inc (358975)

DESCRIPTORS: **Accountants** ; **Data Communications** ; File Transfer; IBM **PC** & Compatibles; Laptops; Windows; Wireless **Networks**

REVISION DATE: 20020422

14/5/24

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00071111 DOCUMENT TYPE: Review

PRODUCT NAMES: GoldMine 2.5a for Windows (672068); ACT! Windows 2.0 (019253)

TITLE: Contact Managers as PIMs Add Power to the Office

AUTHOR: McClure, Dave

SOURCE: Accounting Today, v8 n21 p26(2) Nov 21, 1994

ISSN: 1044-5714

HOME PAGE: <http://www.electronicaccountant.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Elan Software's GoldMine for Windows 2.5a is a contact manager and personal **information** manager (PIM) with a clear vision. It accomplishes workgroup tasks well, offering tightly integrated calendar, contact, history, notes, and e-mail. It also offers strong sales forecasting and statistical reporting **features**, and can organize **data** into useable forms. Remote **synchronization** lets users merge and update records across a **network**, and can assign tasks to others in a workgroup. Elan's software agent technology lets individuals **automate** repetitive tasks, and trigger actions in response to pre-defined criteria. Symantec's ACT! 2.0 for Windows, another contact manager/PIM, offers much power and flexibility and an attractive interface. The calendar and scheduler is easy-to-use, and **network** and workgroup capable. The report generator is both fast and flexible, and includes a good set of templates. ACT! also supports e-mail, and DDE links to other Windows applications.

COMPANY NAME: FrontRange Solutions Inc (504793); Interact Commerce Corp (523836)

DESCRIPTORS: **Accountants** ; Address Books; Calendars; CRM; E-Mail; Groupware; IBM **PC** & Compatibles; Personal **Information** Management; Sales Force Automation; Windows; Windows NT/2000

REVISION DATE: 20010630

14/5/25

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00067587

DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Excel 2002 5.0 (103021); 1-2-3 for Windows 4.01 (387517); Lotus Improv 2.0 (308374); Quattro Pro 5.0 (481319); DS Lab Pro 2.0 (478695)

TITLE: Spreadsheets: Faster, Smarter

AUTHOR: Luthy, David H

SOURCE: Journal of Accountancy, v178 n1 p67(9) Jul 1994

ISSN: 0021-8448

HOME PAGE: <http://www.aicpa.org>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Microsoft's Excel 5.0, Lotus Development's Lotus 1-2-3 4.01, and Borland International's Quattro Pro 5.0 are the three top-selling Windows spreadsheets. All make full use of the Windows design. Excel's Wizards and Quattro Pro's Experts help guide users through complicated procedures. Excel's TipWizard will monitor how a user is doing a task, and will suggest more efficient alternatives. Lotus has a group-editing **mode** for **changing** all worksheets in a file automatically, but there is no way to limit changes in selected worksheets. Multidimensional spreadsheets like Lotus's Improv 2.0 go a step further in sophisticated analysis, giving users a more dynamic view of **data**. Improv separates **data** from formulas and uses names, rather than cell coordinates when referring to **data**. Decision Support Laboratory's DS Lab Pro 2.0 is a visual spreadsheet program that uses a graphical format for **data** modeling, instead of the traditional spreadsheet format.

COMPANY NAME: Microsoft Corp (112127); Lotus Development Corp (254975); Corel Corp (421723); DS Group Inc (574376)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: 1-2-3; **Accounting**; Excel; Financial Calculations; Financial Modeling; IBM **PC** & Compatibles; Spreadsheets; Windows

REVISION DATE: 20020722

Set	Items	Description
S1	0	AU=(YODO, F? OR YODO F?)
S2	14398343	INFO OR INFORMATION OR DATA
S3	6021225	TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL- OAD?
S4	6698491	SYNC? OR UPDAT? OR UP() (DATE? OR DATING) OR MODIF? OR ALTE- R??? OR CHANG???
S5	18338515	STATE? OR STATUS OR ATTRIBUT? OR FEATURE? OR MODE OR MOD- ES
S6	5119065	ACCOUNT?
S7	2066370	TERMINAL? ? OR NODE OR NODES OR PC OR CPU
S8	12277754	NETWORK? OR INTERNET OR INTRANET OR EXTRANET OR ONLINE OR - ON()LINE OR WEB? OR WWW OR LAN OR WAN OR ELECTRONIC? OR COMPU- TERI? OR AUTOMATE2 OR SERVER? OR HOMEPAGE? OR HOME().PAGE?
S9	869881	S2(5N)S3
S10	228286	S4(4N)S5
S11	1874	S9(15N)S10
S12	711	S11(S) (S7 OR S8)
S13	31	S12(S)S6
S14	104	S11(15N)S7
S15	15	S14(5N) (INTERNET OR NETWORK? OR WEB? OR SERVER?)
S16	132	S13 OR S14 OR S15
S17	100	S16 NOT PY>1998
S18	76	RD (unique items)

?show files

File 9:Business & Industry(R) Jul/1994-2002/Sep 16  
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 File 636:Gale Group Newsletter DB(TM) 1987-2002/Sep 17  
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*Considered 9/7 9/9/05*

18/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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02143499 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Review - 3Com's PalmPilots Are Flying High**  
(PalmPilots, which are based on the Palm Computing platform, presently hold 66 percent of the standard handheld computing market worldwide)  
Newsbytes News Network, p N/A  
May 22, 1998  
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 474

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...their palm devices," he claimed.

Furthermore, the Palm III, which comes with a "cradle" can transfer and eventually update data on the user's PC. Through its HotSync technology feature, users can easily "synchronize data" between the two devices.

Reported by Newsbytes News Network: <http://www.newsbytes.com>  
(19980522...

18/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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02143148  
**Sharp launches PC mini-companion**  
(Sharp launches Mobile Organizer SE-300 touch-screen device that can accept data from personal computers, Singapore)  
Singapore Business Times, p 14  
May 18, 1998  
DOCUMENT TYPE: Business Newspaper ISSN: 0921-9986 (Singapore)  
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:  
...docking station, the SE-300 can synchronise contact and schedule information. The SE-300 also features a Clip & Sync function which enables drag-and-drop transfer of E-mail and Internet data between the SE-300 and the PC.

18/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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02127524 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**LCD vies as monitor in fight with CRT**  
(LCDs are now being marketed head to head with standard CRTs. LCDs use up to 75% less space than standard CRTs)  
Electronic Engineering Times, p P6  
May 04, 1998  
DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1425

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...1 inches diagonal that can display up to 16.7 million colors. Go to [www.pc.ibm.com/us/news/comdexn2](http://www.pc.ibm.com/us/news/comdexn2).

html to download information about IBM's five new displays featuring

autosynch models that automatically **synch** into whatever **mode** is sent from the system's compatible graphics subsystem (within the addressable bandwidth of the...

18/3,K/4 (Item 4 from file: 9)  
DIALOG(R) File 9:Business & Industry(R)  
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01850732 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**FLEXCAB COMPLETION TO UNLEASH NEW COMPETITIVE PRODUCTS**

(Telstra (Australia) will be able to offer new pricing and service options under its new billing system)

Exchange Telecommunications Newsletter, v 9, n 20, p N/A  
May 30, 1997

DOCUMENT TYPE: Newsletter ISSN: 0162-914X (Australia)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1089

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...cost. According to our source, Cabs used to bill these "error" charges to a dummy **account**, "which everyone ignored". Flexcab must bill these to the customer's normal **account** and then apply a 100 percent discount to the charges. If the number actually dialled by the customer's ISDN **terminal** adaptor to establish the semipermanent link matches that contained in the Telstra database, this works fine, but according to our source: "invariably it doesn't because the ISDN **terminal** adaptor has been reprogrammed by a third party for many reasons". This he said, created...

...briefing. King said he was confident that Flexcab could deliver accurate billing in a steady **state** system: problems arose through **changes** in customer **information** such as **transfers** to service providers which were not input into Flexcab in a timely and correct manner...

...have now been renamed 'customer process and information' systems. He reports to the head of **Networks** and Technology Doug Campbell. This represents an elevation and a change of focus for IT...

...US carriers, was the way in which individual phone numbers were linked to the master **account** number. He claimed that any change to this master **account**, such as change of **account** number which occurs with conversion from Cabs to Flexcab, usually resulted in all subsidiary numbers...

18/3,K/5 (Item 5 from file: 9)  
DIALOG(R) File 9:Business & Industry(R)  
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01799536 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**King Kom**

(Deutsche Telekom prepares for full market deregulation in 1998; company is said to be using the time to "sharpen its teeth")

CommunicationsWeek International, n 180, p 30+  
March 10, 1997

DOCUMENT TYPE: Journal ISSN: 1042-6086 (France)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2775

**ABSTRACT:**

...the end of 1997. The company has also been a trailblazer in launching high-speed **data** services, based on **synchronous transfer mode** (ATM) technology. At the present time, ATM **nodes** are located in 20 cities and Telekom has over 120,000 kilometers of fiber optic...

18/3,K/6 (Item 6 from file: 9)  
DIALOG(R) File: 9:Business & Industry(R)  
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01430480 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Cirkit Distribution**

(Cirkit Distribution offers electronic data interchange facilities via BT and IBM/GEIS networks; offers wireless LAN barcode reader)

Electronics Times, p 30

March 07, 1996

DOCUMENT TYPE: Journal ISSN: 0142-3118 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 107

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...an electronic stock replenishment system.

The handheld unit is used by a production operative to **update** the stock **status**. This **information** is **transferred** via radio to a PC and at the end of the working day consolidated purchase orders are raised. These orders...

18/3,K/7 (Item 7 from file: 9)  
DIALOG(R) File: 9:Business & Industry(R)  
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01318997 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**401(k) product makes online splash**

(Wells Fargo Nikko Investment Advisors provides online information to plan participants; first 401(k) player to do so)

Pensions & Investments, v 23, n 22, p 38

October 30, 1995

DOCUMENT TYPE: Journal ISSN: 1050-4974 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 574

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...allocation and contribution levels..

For its ANA system, Wells Fargo has created 265,000 personalized Internet sites for individual 401(k) **accounts** that are **updated** daily.

Protective security **features** include the use of Social Security and PIN numbers, separation of **account** and name **information** in all **transmissions**, and various aspects of the "firewall" technology used by Wells Fargo to provide security for...

18/3,K/8 (Item 8 from file: 9)  
DIALOG(R) File: 9:Business & Industry(R)  
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01031961 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**PC Expo - Fax-On-Demand For Notes, "File-On-Demand"**

(Ibex Technologies' new FactsLine for Lotus Notes lets users request faxbacks while waiting in voice queue, ask for data files to be sent to fax modems)

Newsbytes News Network, p N/A

June 29, 1994

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 848

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...of "mainstream" applications, he added. Exxon Chemical, for example, uses Factsline to distribute order confirmations, **status** logs, and shipping updates.

PC World employs the software to **send** out article reprints and advertiser **information**, and to carry out "interactive surveys." Car and Driver magazine transmits road test information, complete...

18/3,K/9 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01775098 04-26089

A manufacturing paradigm that combines discrete and continuous methods:

Part 2

Robinson, Jeffrey A

Production & Inventory Management Journal v39n4 PP: 56-62 Fourth Quarter 1998

ISSN: 0897-8336 JRNL CODE: PIM

WORD COUNT: 4382

...TEXT: lot. The arrival of new markers may trigger actions as a result of the corresponding **state changes** in the individual **network nodes**. These actions may correspond to tracking transitions, automated recipe **downloads**, **data** collection activities or other control actions.

In information systems' terms, transactions occur only when leading...

18/3,K/10 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01369939 00-20926

Behind the scenes

Anonymous

Financial Executive v13n1 PP: 47-48 Jan/Feb 1997

ISSN: 0895-4186 JRNL CODE: FEX

WORD COUNT: 881

...TEXT: Bank and allows customization.

The system is a separate workstation on a company's computer **network**, which allows you to work off-line. Every time the company initiates the link to the bank, it can **download updated information** on the **status** of the letter of credit. The program also can interface with existing software programs, allowing the user to export information to purchase-order, general-ledger and **accounting** documents. For more information, contact Pam Kassner at BMO/ Harris Bank at (312) 461-6625.

18/3,K/11 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01354537 00-05524

SOHO & more

Anonymous

Dealerscope Consumer Electronics Marketplace v38n11 PP: 32-33 Nov 1996

ISSN: 0888-4501 JRNL CODE: DEA

WORD COUNT: 472

...TEXT: Lower-cost Zaurus

Sharp's newest Zaurus, the Model ZR-3000, offers a one-touch PC-link and E-mail touch key. The ZR-3000 (\$399 SRP) also includes an auto-synchronizing feature that seamlessly synchronizes data downloaded from PCs. The ZR-3000 has Schedule+ 7.0, ACT! and drag and drop file...

18/3,K/12 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01335007 99-84403

Rebel oil: Helping to develop POS automation that does all

Emond, Mark

NPN: National Petroleum News v88n11 PP: 28-30+ Oct 1996

ISSN: 0149-5267 JRNL CODE: NPN

WORD COUNT: 3389

...TEXT: the store."

Transfer fuel prepayments from one dispenser to another when, for example, a customer changes his mind or states the wrong dispenser.

Downloading data from the stores. The PC dials up the store and downloads daily store information, including purchase orders and all financial operating data.

Doing clerk performance reports. "You are able...

18/3,K/13 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00950991 96-00384

What's ahead for 1995?

Courter, Eileen

Credit Union Management v17n12 PP: 12-15 Dec 1994

ISSN: 0273-9267 JRNL CODE: CUM

WORD COUNT: 2118

...TEXT: unions are no longer just transmitting small bursts of information. They're sending files from PC to PC.. "When you get into imaging," says Barry, "you're transmitting huge amounts of data. This means a need for greater capacity at higher speed. Communication is changing to asynchronous transmission mode -ATM--which is the next plateau."

MORE EMPHASIS ON PCS

The single most significant trend...

18/3,K/14 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00935294 95-84686

The tools of retention

Sherden, William A

Small Business Reports v19n11 PP: 43-47 Nov 1994

ISSN: 0164-5382 JRNL CODE: SBR

WORD COUNT: 1585

...TEXT: provider--say, an insurance agent or a consulting firm--could use e-mail systems to transmit critical information such as changes in account status to clients.



As you employ these retention tools, remember that they must be closely integrated...

18/3,K/15 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00765130 94-14522

**M.S. Carriers deals with tomorrow's shorter lead times**  
Siegel, Stewart  
Fleet Owner Truck Communications Supplement PP: 11-13 Sep 1993  
ISSN: 1070-194X JRNL CODE: FOW

...ABSTRACT: Motorola's CoveragePLUS as a primary communications medium. CoveragePLUS will enable drivers to receive and transmit data messages economically. Drivers can forward status updates quickly with a single keystroke, and when necessary, they can use the Motorola 7100 mobile terminals for more extensive voice communication with driver-managers. However, each vehicle will also have a...

18/3,K/16 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00630784 92-45724

**Modem Users, Fear Not It's Just the Sound of Patent Attorneys**  
Glass, Brett  
InfoWorld v14n31 PP: 81 Aug 3, 1992  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 651

...ABSTRACT: in which the characters must be preceded and followed by a pause in which no data were transmitted. The 3rd and best method is out-of-band signaling. In this scheme, the modem changes state when a serial port signal called Data Terminal Ready is turned off. Hayes received a patent on its escape sequence in 1985.

18/3,K/17 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00575451 91-49800

**Belgium**  
Bright, Julian  
Telecommunications (International Edition) v25n10 PP: 63-64 Oct 1991  
JRNL CODE: TIE  
WORD COUNT: 1772

...TEXT: located in Brussels. The entire network is under the control of RTT's department of data transmission. Five types of access to the DCS are available: X.25 synchronous connection for packet mode terminals, direct X.28 connection for character mode terminals, dialup X.28 access via the PSTN, dialup X.32 access, and connection via the...

18/3,K/18 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00148298 81-18172

**The Bell System-On Its Way to a Digital Network**  
Falconer, Warren E.; Skrzypczak, Casimir  
Bell Laboratories Record v59n5 PP: 138-145 May/June 1981  
ISSN: 0005-8564 JRNL CODE: BLR

...ABSTRACT: special sequence of numbers to signal the need for a specially equipped trunk able to **transmit** both voice and **data**. To **change** from one **mode** to the other, the user would operate a switch on the telephone **terminal**.

18/3,K/19 (Item 11 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00062553 77-14957

**PROTOCOLS KEY TO COMMUNICATIONS FUTURE**

LYNCH, ARTHUR

COMPUTERWORLD V11 N39 PP: 31-32 SEPT. 26, 1977

ISSN: 0010-4841 JRNL CODE: COW

...ABSTRACT: TRANSFERS. A PROTOCOL IS A PREDETERMINED DIALOGUE SCRUPULOUSLY MAINTAINED BY BOTH ENDS OF A COMMUNICATIONS **DATA** LINK. PROTOCOL: DESIGNS INCLUDE **TRANSMISSION MODE** (ASYNCHRONOUS/ **SYNCHRONOUS** / **SYNCHRONOUS DATA** LINK CONTROL), TYPES OF **TRANSMISSION** (FULL-DUPLEX, HALF-DUPLEX), INTERACTIVE **TERMINAL** APPLICATIONS, CONVERSATIONAL SERVICES, TWX, TELEX, SPECIFIC **TERMINAL** DEVICE CHARACTERISTICS, THROUGHPUT REQUIREMENTS, ERROR CONTROL AND PROCEDURES, AND DATA TRANSPARENCY. IMPLEMENTATION IS USUALLY THROUGH...

18/3,K/20 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale-Group PROMT(R)  
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05613683 Supplier Number: 48494123 (USE FORMAT 7 FOR FULLTEXT)

**Review - 3Com's PalmPilots Are Flying High 05/22/98**

Oliva, Erwin Lemuel-G.

Newsbytes, pN/A

May 22, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 481

... their palm devices," he claimed.

Furthermore, the Palm III, which comes with a "cradle" can **transfer** and eventually update **data** on the user's PC. Through its HotSync technology **feature**, users can easily "**synchronize** data" between the two devices.

Reported by Newsbytes News Network: <http://www.newsbytes.com>.

19980522...

18/3,K/21 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05603095 Supplier Number: 48479112 (USE FORMAT 7 FOR FULLTEXT)

**BankBoston Introduces Banking on the Internet With New Online Banking Services.**

Business Wire, p05121279

May 12, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1407

... The new HomeLink offers the same functionality as the previous version such as real-time **account** information, the ability to pay virtually anyone in the United States, 24 hours a day, seven days a week, and the ability to **download** HomeLink **information** to financial management software such as Quicken. Its new **features** include an **updated** graphical user interface, making the navigation from screen to screen much easier. All customer information...

...screen all of the time, and additional information is just a click away. Any customer **account** that is linked to a BankBoston Card can be accessed through the new HomeLink, and those **accounts** can be named **online**.

Two new convenience-oriented features of the new HomeLink are balance alerts and balance forecasting...

18/3,K/22 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05591844 Supplier Number: 48464221 (USE FORMAT 7 FOR FULLTEXT)

**LCD vies as monitor in fight with CRT**

Rogers, Kathy

Electronic Engineering Times, pP6

May 4, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1584

... 1 inches diagonal that can display up to 16.7 million colors. Go to [www. pc .ibm.com/us/news/comdexn2.](http://www.pc.ibm.com/us/news/comdexn2.html)

html to **download** information about IBM's five new displays featuring autosynch models that automatically **synch** into whatever mode is sent from the system's compatible graphics subsystem (within the addressable bandwidth of the...

18/3,K/23 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05316416 Supplier Number: 48091715 (USE FORMAT 7 FOR FULLTEXT)

**'Technology has dramatically changed the way we do business'**

Modern Materials Handling, pS8

Nov, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 678

... key information about the new pickups, including new route directions, is transmitted to the pen **terminal** over the WAN. By scanning and **transmitting** bar code data on pickups, the driver **updates** the system on shipment **status** in real time.

'This system puts us on-line with our drivers. We know where...

18/3,K/24 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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04813957 Supplier Number: 47082503 (USE FORMAT 7 FOR FULLTEXT)

**JAVA TELEPHONY API BOLSTERS SUN'S RESOLVE**

Margulies, Ed

Computer Telephony, p150

Feb, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2072

... This object also communicates with the Connection object to receive information on a Call's **state changes**. It also **sends** information on the **Terminal**'s **state change**. It models the physical aspects of a call connection.

**Terminal** Object. The **Terminal** object represents a physical device like a telephone and its associated properties. Each Terminal object...

18/3,K/25 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04570257 Supplier Number: 46718283 (USE FORMAT 7 FOR FULLTEXT)  
**CFI INTRODUCES WINDOWS-BASED LOAN CLOSING SOFTWARE; BANK OF AMERICAN FORK  
TO BE INITIAL USER**

News Release, pN/A

Sept 17, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 526

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...s multiple software applications, including Laser Pro Lightning, Laser Pro Closing, and Deposit Pro new **account** opening software. For complex loans, lenders also can access Laser Pro Closing through Encore! Desktop...

...an affordable interface to the financial institution's host computer system, allowing it to easily **download** customer files and upload **data** when the loan transaction is completed. CFI retains experienced legal banking counsel in each **state** to keep its software **updated** with the latest regulatory changes, and all Laser Pro Lightning documents are backed by CFI...

...or enhancements are made to the software. CFI ProServices, Inc. is the largest provider of PC-based banking software in the U.S., with over 5,000 financial institution customers. CFI...

...Denver; Englewood Cliffs, N.J.; Houston; Huntington, N.Y.; and Portland, Ore. Its World Wide **Web** address is **www** cfipro.com. The discussion in this press release contains forward-looking information with respect to...

18/3,K/26 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03661817 Supplier Number: 45171189 (USE FORMAT 7 FOR FULLTEXT)

**PENTIUM POWER FOR MULTIBUS II USERS**

News Release, pN/A

Dec, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 431

... with on-chip floating point unit (FPU) and 8KByte code and 8KByte data cache. The **CPU** is supported by a 256KByte Secondary Cache which is 64-bits wide and utilizes **synchronous** burst mode SPAMs. **Data transfer** rates of up to 426MBytes/sec can be achieved from the **CPU** to Secondary Cache. Very fast 32-bit DMA transfers are provided by a 20MHz ADMA...

18/3,K/27 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03466878 Supplier Number: 44840395 (USE FORMAT 7 FOR FULLTEXT)

**ZILOG UNVEILS NEW MODEM CONTROLLER**

Network Week, n131, pN/A

July 15, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 139

ESCC, says Zilog, provides a highly flexible serial interface with the modem data pump and **data terminal** equipment. **Data** can be transferred to the **data pump** in asynchronous **modes** or set up for **Synchronous Data Link Control**. A second ESCC channel can be programmed in synchronous modes to interface....

18/3,K/28 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03441467 Supplier Number: 44796417 (USE FORMAT 7 FOR FULLTEXT)  
**PC Expo - Fax-On-Demand For Notes, "File-On-Demand" 06/29/94**  
Newsbytes, pN/A  
June 29, 1994  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 860

... of "mainstream" applications, he added. Exxon Chemical, for example, uses Factsline to distribute order confirmations, **status** logs, and shipping **updates**.

PC World employs the software to send out article reprints and advertiser **information**, and to carry out "interactive surveys." Car and Driver magazine transmits road test information, complete...

18/3,K/29 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02942034 Supplier Number: 43979064 (USE FORMAT 7 FOR FULLTEXT)  
**Rockwell Intl to sell satellite tel systems**  
Mobile Satellite Reports, pN/A  
July 19, 1993  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 128

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...highly mobile, secure telephone capability not currently served by cellular or terrestrial services. Rockwell said **terminal** could reduce industrial espionage because all telephone, fax and **data transmissions** would be encrypted. Until **State Dept.** **changed** rules, private companies operating outside U.S. weren't permitted to use STU III system.

18/3,K/30 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02910492 Supplier Number: 43929247 (USE FORMAT 7 FOR FULLTEXT)  
**Rockwell Intl's encrypted satellite telephone systems**  
Satellite Week, pN/A  
June 28, 1993  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 128

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...highly mobile, secure telephone capability not currently served by cellular or terrestrial services. Rockwell said **terminal** could reduce industrial espionage because all telephone, fax and **data transmissions** would be encrypted. Until **State Dept.** **changed** rules, private companies operating outside U.S. weren't permitted to use STU III system.

18/3,K/31 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01988896 Supplier Number: 42548346 (USE FORMAT 7 FOR FULLTEXT)  
**CLEAR TO SEND ELECTRONICS, INC. ANNOUNCES V.35 AND X.21 DIGITAL BRIDGES**  
News Release, p1  
Nov 27, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 547

... The MD-V.35 allows users to share their CSU/DSU with up to four  
terminal controllers which dramatically reduces equipment and line  
costs. The MD-V.35/X.21 supports synchronous transmissions  
and allows  
United States data  
communication systems to convert to the European  
CCITT X.21 (Packet Network) for overseas transmissions...

18/3,K/32 (Item 13 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01888025 Supplier Number: 42399592 (USE FORMAT 7 FOR FULLTEXT)  
**VMEbus-to-MIL-STD-1553B NOTICE 2 INTERFACE BOARD**  
News Release, p1  
Oct; 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 336

... protocol, 8K words of  
on-board shared RAM and complete memory management for all three  
modes. This prevents partially updated data being read by the CPU  
or  
transmitted to the 1553 Data Bus. The CPU  
can access any part of the  
shared RAM as needed.

The board includes a set...

18/3,K/33 (Item 14 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01604837 Supplier Number: 41977562 (USE FORMAT 7 FOR FULLTEXT)  
**ISDN Taking Small Steps: European Forum Seeks More User Support**  
CommunicationsWeek International, p12  
April 1, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 510

... applications are enhanced videoconferencing, especially multipoint  
conferencing; simultaneous audio/graphics conferencing; calling-line  
identification; integrated network management, especially for security  
and for accounting and billing; real-time charging; short-hold mode  
service for transmitting synchronous data; remote monitoring on the  
"D" channel; a transparent "S" interface at customer premises, to obviate  
...

18/3,K/34 (Item 15 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)

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01603969 Supplier Number: 41976509 (USE FORMAT 7 FOR FULLTEXT)

**8-Mbyte Corebus Memory Module Achieves Zero-Wait-State Accesses**

News Release, p1

April 1, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 891

... zero-wait-state RAM. Featuring a synchronous protocol of up to 50 MHz (tied to CPU clock), the Module **Synchronous Bus** uses burst mode transfers to move data at up to 200 Mbytes/second.

To maximize flexibility, the Module Synchronous Bus supports multimaster...

18/3,K/35 (Item 16 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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01369981 Supplier Number: 41624529 (USE FORMAT 7 FOR FULLTEXT)

**New technology eases co-op/dealer data transfer**

National Home Center News, p36

Oct 22, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 536

... Calif.

Right now, the new laser CD system allows dealers to use the look-up feature to update POS terminals with new products and transfer data to electronic order sheets.

CD laser storage technology, debuted in the auto parts industry four

18/3,K/36 (Item 17 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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01251099 Supplier Number: 41452065 (USE FORMAT 7 FOR FULLTEXT)

**Codex to Offer ISDN Terminal Adapter**

Electronic News (1991), p15

July 23, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 260

... also be used to link LAN bridges and to carry video signals, or to carry terminal traffic to a host, said Ray Wright, director of ISDN marketing for the Motorola subsidiary.

Data can be sent from the adapter at up to 64Kbps in synchronous mode on each of the B channel ports. Intelligent Port Adapters allow connection of external devices...

18/3,K/37 (Item 18 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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01006207 Supplier Number: 41097929

**Census powers up minis for 1990 count**

MIS Week, p1

Jan 1, 1990

Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...the 458 district offices will have a Micro VAX II and about 15 DEC VT320 terminals. These offices will send administrative reports, payroll information and status updates on forms collected. This information will be transmitted to a VAX cluster at headquarters, via DECnet communications software over dedicated lines. The dedicated...

18/3,K/38 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10353575 SUPPLIER NUMBER: 20969567 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Jet-engine CNC data collection takes off.. (GE Aircraft Engines)  
Rio, Ralph  
American Machinist, v142, n7, p66(3)  
July, 1998-  
ISSN: 1041-7958 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1317 LINE COUNT: 00106

... grinding is complete, the machine automatically picks up the Renishaw touch probe from the tool changer and measures the feature. This data is then sent to Cimplicity HMI at the PC. A tower light signals the operator that the machine is ready for the next process...

18/3,K/39 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09779980 SUPPLIER NUMBER: 19848191 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
La Cie polishes up SilverLining tool. (La Cie's SilverLining 5.8.1 utility is compatible with Mac OS 8.0) (Product Announcement) (Brief Article)  
Poultney, John  
MacWEEK, v11, n38, p27(2)  
Oct 6, 1997  
DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0892-8118  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 267 LINE COUNT: 00023

... SilverLining 5.8.1 works with all removable and standard SCSI, IDE /ATA (AT attachment), PC Card and PowerBook media-bay devices. La Cie said the software can boost data transfer rates to as much as 10 Mbytes per second and, if operating in synchronous mode, even faster.

The software will install itself as a secondary driver for volumes of less...

18/3,K/40 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

08495223 SUPPLIER NUMBER: 18017359 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Win 95 features bolster remote access upgrades. (Traveling Software's LapLink for Windows 95, Symantec's Norton pcAnywhere/32 for Windows 95 and Windows NT) (Product Information)  
Richards, Kathleen  
Computer Retail Week, v6, n127, p27(2)  
Feb 19, 1996  
ISSN: 1066-7598 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 788 LINE COUNT: 00064

... allows users to access their desktop system by remote control or operate as a remote node using the Windows 95 Dial-Up Networking feature, and perform file synchronization and data transfer.



"People still associate us with cabling, and we are trying to get away from that...

18/3,K/41 (Item 4 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

06518398 SUPPLIER NUMBER: 13995505 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Rockwell International will begin selling STU III encrypted satellite telephone systems to commercial users. (Satellite and International)

Communications Daily, v13, n121, p10(1)

June 24, 1993

ISSN: 0277-0679 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 136 LINE COUNT: 00011

TEXT:

...highly mobile, secure telephone capability not currently served by cellular or terrestrial services. Rockwell said terminal could reduce industrial espionage because all telephone, fax and data transmissions would be encrypted. Until State Dept. changed rules, private companies operating outside U.S. weren't permitted to use STU III system.

18/3,K/42 (Item 5 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

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06476953 SUPPLIER NUMBER: 13925799 (USE FORMAT 7 OR 9 FOR FULL TEXT)

LapLink V extends reach to networks. (Traveling Software Inc.'s LapLink V for NetWare) (Software Review) (Evaluation)

Kramer, Matt

PC Week, v10, n22, p81(2)

June 7, 1993

DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 359 LINE COUNT: 00029

TEXT:

...transcended its traditional portable-to-desktop origins and now provides peer-to-peer links between network nodes, directory-synchronization features and other tools. LapLink V for NetWare is a useful utility for the bulk transfer of information without imposing a load on the file server.

18/3,K/43 (Item 6 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

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06408231 SUPPLIER NUMBER: 13514884 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ANSI spec to mean lower FDDI cost. (American National Standards Institute; Fiber-Distributed Data Interface) (Wired for the Future: PC Week Special Report)

Kramer, Matt

PC Week, v10, n10, p63(1)

March 15, 1993

ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1015 LINE COUNT: 00081

... images must be synchronized might have problems with such delays. FDDI itself already has a synchronous mode where a specific node can be given a guaranteed time to transmit data on the network.

Another ANSI committee is working on a variant of FDDI called FDDI II, which adds...

18/3,K/44 (Item 7 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

06219531 SUPPLIER NUMBER: 12827607 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Programmable controllers. (includes related article and glossary of  
programmable controllers terms) (Plant Engineering's Encyclopedia:  
Instruments & Controls)**  
Plant Engineering, v46, n12, p278(6)  
July 9, 1992  
ISSN: 0032-082X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 4861 LINE COUNT: 00393

... not altered when they are skipped.

Strip printer -- Peripheral device used in conjunction with a PC to  
provide a hardcopy of process numbers, **status** and functions.

**Synchronous** -- Data is transmitted continuously against a time  
base that is shared by transmitting and receiving **terminals**. If no  
legitimate data are available to be sent at a given time, synch or...

18/3,K/45 (Item 8 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

05671365 SUPPLIER NUMBER: 13271196  
**Multi-gigabit networking based on DTM: a TDM medium access technique with  
dynamic bandwidth-allocation. (dynamic transfer mode; time division  
multiplexing) (Special Issue: High-speed Local and Metropolitan Area  
Networks)**

Gauffin, Lars; Hakansson, Lars; Pehrson, Bjorn  
Computer Networks and ISDN Systems, v24, n2, p119(12)  
April, 1992

ISSN: 0169-7552 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: Terabit/s traffic can also be used in the Gigabit/s range.  
The dynamic transfer **mode** - Programmable **Synchronous Transfer Mode** uses  
a more dynamic bandwidth-allocation and simplifies **data transfer** by  
concentrating processing in the connection establishment stage. Multi-fiber  
connections of each **node** permit switching and wavelength multiplexing  
increases node usage, eliminating optical termination in each node.

18/3,K/46 (Item 9 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

05433425 SUPPLIER NUMBER: 11100994 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Programmable controllers. (Instruments & Controls) (The 1991 Plant  
Engineering Encyclopedia)**  
Plant Engineering, v45, n14, p262(6)  
July 18, 1991  
ISSN: 0032-082X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 4094 LINE COUNT: 00331

... not altered when they are skipped. Strip printer - Peripheral  
device used in conjunction with a PC to provide a hardcopy of process  
numbers, **status** and functions. **Synchronous** -- Data is transmitted,  
continuously against a time base that is shared by transmitting and  
receiving **terminals**. If no legitimate data are available to be sent at a  
given time, synch or...

18/3,K/47 (Item 10 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

05422581 SUPPLIER NUMBER: 11092215 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Contact managers put emphasis on flexibility. (new contact-management)**

**software packages) (Product Announcement)**

Ferranti, Marc

PC Week, v8, n32, p23(2)

August 12, 1991

DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 590 LINE COUNT: 00046

... Manchester, N.H.

The new version, available now, includes data-entry customization and a Transactions feature that lets users download updated information from a central database (installed on a server) to their local PC or laptop without eliminating notes attached to their personal database of clients. The software is...

**18/3,K/48 (Item 11 from file: 148)**

DIALOG(R)File 148:Gale Group-Trade & Industry DB

(c)2002 The Gale Group. All rts. reserv.

05422526 SUPPLIER NUMBER: 11092811 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**X Windows servers useful but not perfect, buyers say: (survey of users of X Windows server products)**

LaPolla, Stephanie

PC Week, v8, n32, p65(2)

August 12, 1991

ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1321 LINE COUNT: 00103

... State is using the software as part of a system that lets it review weather data sent via satellite link from a national weather center in the western United States. Information is updated every 20 minutes, then downlinked from the satellite to an IBM RS/6000 workstation. PC DECwindows/Motif 3.0 lets students view the data residing on the RISC system on...

**18/3,K/49 (Item 12 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05149925 SUPPLIER NUMBER: 10683635 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Tutor. (column) (tutorial)**

Prosise, Jeff

PC Magazine, v10, n10, p413(4)

May 28, 1991

DOCUMENT TYPE: tutorial ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2962 LINE COUNT: 00217

... button is pressed or released or the mouse is moved.) A microprocessor inside the mouse transmits a packet of data any time it detects a change in state.

Typically, the mouse driver programs the serial port to interrupt the CPU when a byte of data is received at the port. It does this in the...

**18/3,K/50. (Item 13 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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04884817 SUPPLIER NUMBER: 09646799 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**U.S. Robotics Inc. Courier HST Dual Standard. (Hardware Review) (one of seven evaluations of 9,600-bps modems in 'Breaking the speed barrier.') (evaluation)**

Byrd, Mike

PC Magazine, v9, n21, p341(4)

Dec 11, 1990

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1145 LINE COUNT: 00090

... NO SPEEDOMETER

The LED status indicators include high-speed, answer, carrier detect, off-hook, receive data, send data, terminal ready, modem ready, request to send, clear to send, error control, and synchronous mode. The high-speed LED comes on for connections above 2,400 bps; there is no...

18/3,K/51 (Item 14 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

04819756 SUPPLIER NUMBER: 08848466 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Automatic identification upgrades towline handling.**

Material Handling Engineering, v45, n9, p80(2)  
Sept, 1990

ISSN: 0025-5262 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 868 LINE COUNT: 00068

... The savings are hard to put into a dollar amount, but they have been substantial."

Data from the scanner is downloaded into a shipping PC that communicates with the microcomputer to update inventory status, and to generate shipping manifests and invoices.

The WMS has enabled Impact Furniture to maintain...

18/3,K/52 (Item 15 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2002 The Gale Group. All rts. reserv.

04117163 SUPPLIER NUMBER: 07801024 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**A program guide for EISA vs MCA. (Extended Industry Standard Architecture, Micro Channel Architecture)**

Gallant, John  
EDN, v34, n20, p75(7)  
Sept 28, 1989

ISSN: 0012-7515 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3120 LINE COUNT: 00241

... signal, indicating that the current bus address is valid. The ADL signal lasts for 1 CPU-clock-period. The master then asserts the CMD (command) line to transfer the data. The CMD line lasts for 3 CPU-clock periods in no-wait-state designs. Therefore, a synchronous default bus cycle requires 4 CPU-clock cycles. A system that has a 16-MHz CPU (a 62.5nsec CPU-clock period) has a nowait-state, synchronous-default cycle of 250....

18/3,K/53 (Item 16 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04080962 SUPPLIER NUMBER: 07505316 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**V.29 modems offer maturity test over time. (Hardware Review) (includes related article on the AT command set) (evaluation)**

Methvin, David; Tracy, Martha; Chandler, Doug  
PC Week, v6, n31, p60(3)  
August 7, 1989

DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1977 LINE COUNT: 00154

... series modems is to use asynchronous communication to send modem commands and then switch to synchronous mode for actual data

transmission .

Hayes calls this feature AutoSync, and Data Race adopted it for its PC Race 24/96, reviewed here.

However, though Universal Data Systems and GammaLink use their own...

18/3,K/54 (Item 17 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03653847 SUPPLIER NUMBER: 06809615 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Unocal retail service stations join JCPenney Systems Services' electronic network.  
PR Newswire, 0705NY05  
July 5, 1988  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 347 LINE COUNT: 00030

... more than 10,000 retail gasoline outlets in nearly every state in the United States.

Electronic credit authorization and data capture allow a gasoline retailer to run a customer's credit card through a magnetic stripe reader on a terminal that transfers account sales information via telecommunication lines to a central site host computer file, where the account's status is referenced and updated.

"We're very enthusiastic about adding point-of-sale credit card capability to our service...

18/3,K/55 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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02129225  
NT to sell Microwave Networks gear  
Telephony February 6, 1989 p. 11  
ISSN: 0040-2656

... laser-based T-1 transmission device, the LACE LOO-16, which links LANs or other nodes at distances of up to 1 km, providing simultaneous transmission of voice, data, and video in asynchronous or synchronous mode.

18/3,K/56 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01978946 SUPPLIER NUMBER: 18662294 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
ReachOut makes its connection. (Stac's Reachout for Windows 95 version 6.0 remote-access software) (Software Review) (Brief Article) (Evaluation)  
Klare, Matthew.  
Windows Sources, v4, n10, p58(1)  
Oct, 1996  
DOCUMENT TYPE: Brief Article Evaluation ISSN: 1065-9641  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 691 LINE COUNT: 00060

... Explorer offers a neatly centralized interface. It lets you drag and drop files between your PC and distant machines, no matter how you're connected. If you're transferring only a small block of data from PC to PC, you can use ReachOut's Remote Clipboard feature. The RapidSync feature lets you synchronize directories between connected PCs. ReachOut can save time by transferring only those parts of a...

18/3,K/57 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)

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01815783 SUPPLIER NUMBER: 17289884 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
X:Change: SERENA solves key offloading issue. (SERENA International's  
X:Change cross-platform development software) (Product Announcement)  
Kador, John  
Enterprise Systems Journal, v10, n5, p8(1)  
May, 1995  
DOCUMENT TYPE: Product Announcement ISSN: 1053-6566 LANGUAGE:  
English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 638 LINE COUNT: 00057

... other applications. When combined with SmartCopy, X:Change provides  
an excellent method for mainframe and PC /LAN library **synchronization**.

New Features -- X: Change -2.1.0

Record-Level Data File Transfer Users can now dynamically subset  
large VSAM and QSAM files on the fly. The ability...

18/3,K/58 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01799726 SUPPLIER NUMBER: 17082888 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Innovation and storage management on cooperative computing  
networks. (Distributed hierarchical storage management supplement)  
Meehan, Thomas J.  
Enterprise Systems Journal, v9, n10, pS2(2)  
Oct, 1994  
ISSN: 1053-6566 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1338 LINE COUNT: 00106

... In addition, and MVS backup server would not need to depend  
exclusively on the file **attribute update** flag. Comparing a current copy  
of a volume directory with the **Forward Merge Backup's** own inventory  
**information** permits an MVS **server** to request a client PC or LAN file  
**server** to send a current copy for any file whose directory entry does not  
match the...

18/3,K/59 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01707503 SUPPLIER NUMBER: 16268372 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Remote control for PCs. (Reachout Remote Control 4.0 is top-rated of six  
Windows-based remote control software packages) (Software Review) (PC  
User NSTL Lab Test) (Evaluation)  
PC User, n241, p76(12)  
August 10, 1994  
DOCUMENT TYPE: Evaluation ISSN: 0263-5720 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 7274 LINE COUNT: 00575

... moves the host's mouse pointer. The local screen constantly  
receives data from the host PC screen, noting every **change** in **status**.  
Likewise the keyboard **sends data** to the host PC every time a key is  
hit.

Remote control software gives access to programs and data...

18/3,K/60 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01703120 SUPPLIER NUMBER: 16240202 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Journaling file systems: advanced network file systems offer journaling for  
fast recovery, greater integrity and reliability, and faster I/O. (Fault

**Tolerance) (Interoperability supplement to LAN Magazine )**

Baker, Steven

LAN Magazine, v9, n10, pS59(9)

Oct, 1994

ISSN: 0898-0012

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 6597

LINE COUNT: 00520

... designed for tailoring applications such as database systems that require even greater integrity. Two direct **modes** convert asynchronous or **synchronous** file I/O to synchronous direct **data transfer** between the disk and user-supplied buffers for reads and writes. This reduces the **CPU** overhead associated with I/O by eliminating the copying of data between kernel and the....

18/3,K/61

(Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01690419

SUPPLIER NUMBER: 15551633-2 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**PC Expo - fax on demand for Notes; "File-On-Demand."**

Emigh, Jacqueline

Newsbytes, NEW06290026

June 29, 1994

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 929

LINE COUNT: 00073

... of "mainstream" applications," he added. Exxon Chemical, for example, uses Factsline to distribute order confirmations, **status** logs, and shipping **updates**.

PC World employs the software to **send** out article reprints and advertiser **information**, and to carry out "interactive surveys." Car and Driver magazine transmits road test information, complete....

18/3,K/62

(Item 7 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01465612

SUPPLIER NUMBER: 11672012 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**It just takes intelligence. (Neural Computer Sciences introduces**

**Windows-based Neural Desk neural network programming tool) (Product Announcement)**

AI Expert, v6, n12, p60(1)

Dec, 1991

DOCUMENT TYPE: Product Announcement

ISSN: 0888-3785

LANGUAGE:

ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 236

LINE COUNT: 00019

... lets it be easily linked with existing working practices; the tool will interface with any **PC**-based application program compatible with the direct data exchange (DDE) facility. Using DDE, **data** can be **transferred** transparently and in real time; an existing database could be converted to "smart" **status** without making **changes** to the operator interface. Neural Desk will also interface with other packages capable of exporting....

18/3,K/63

(Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01356957

SUPPLIER NUMBER: 08006854 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Census powers up minis for 1990 count. (1990 census)**

Zimmermann, Kim Ann

MIS Week, v11, n1, p1(2)

Jan 1, 1990

ISSN: 0199-8838

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1130

LINE COUNT: 00088

... of the 458 district offices will have a MicroVAX II and about 15 DEC VT320 **terminals**. These offices will **send** administrative reports, payroll **information** and **status updates** on forms collected. This **information** will be **transmitted** to a VAX cluster at headquarters, via DECnet communications software over dedicated lines. The dedicated...

18/3,K/64 (Item 9 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01340621 SUPPLIER NUMBER: 08316516

**Adaptive control of manipulators containing closed kinematic loops.**  
**-(technical)**

Walker, Michael W.

IEEE Transactions on Robotics and Automation, v6, n1, p10(10)

Feb, 1990

DOCUMENT TYPE: technical

ISSN: 1042-296X

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: manipulators with closed kinematic loops. Adaptive control methods have been applied to manipulator control to **account** for the impacts of the unknown properties of objects to be moved by the manipulator.

...Three procedures are effected in the control of the manipulator: traversal of a binary tree **data** structure; **forward**, to **update** the **state information** for any tree **node** visited; and backward, which computes spatial feedback vectors and functions.

18/3,K/65 (Item 10 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01333490 SUPPLIER NUMBER: 08463272

**A "notion" for interactive behavioral animation control. (technical)**

Wilhelms, Jane; Skinner, Robert

IEEE Computer Graphics and Applications, v10, n3, p14(9)

May, 1990

DOCUMENT TYPE: technical

ISSN: 0272-1716

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: of components in the network: sensors, which sense characteristics of objects; effectors, to produce a **change of state**; **nodes**, for mapping incoming signals to outgoing signals; and connections, to **send information** from sensors, to **nodes**, to effectors. Notion is the software used in this interactive system. Notion, which operates on...

18/3,K/66 (Item 11 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01257462 SUPPLIER NUMBER: 07122645

(USE FORMAT 7 OR 9 FOR FULL TEXT)

**Connectivity clinic.**

Derfler, Frank J. Jr.

PC Magazine, v7, n21, p407(3)

Dec 13, 1988

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1545

LINE COUNT: 00119

... program can use to interact with the emulation program. Interaction includes reading data from the PC's screen, responding to **changes** in the **status** of the communications lines, and **sending data** to the mainframe.

If you use the API creatively, users don't have to know:..



18/3,K/67 (Item 12 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01238960 SUPPLIER NUMBER: 06198204 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Memory in the hot seat. (improved memory needed for faster 80386  
processors)

Armbrust, Steven; Forgeron, Ted  
PC Tech Journal, v6, n2, p84(9)  
Feb, 1988

ISSN: 0738-0194 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 5707 LINE COUNT: 00430

... the cache. If the location to be written is in the cache, the cache  
is updated at zero wait states. Then, while the CPU continues  
executing program code, the cache controller simultaneously and  
automatically handles transferring data from the cache to main

18/3,K/68 (Item 13 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

01207349 SUPPLIER NUMBER: 05241936 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Network-controller chip introduced for StarLAN, Ethernet. (Fujitsu  
Microelectronic Inc.'s EtherStar LAN Controller; Section 2, Connectivity)  
(product announcement)

PC Week, v4, n42, pC8(1)  
Oct 20, 1987

DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 360 LINE COUNT: 00028

...ABSTRACT: to a 60Kbyte memory buffer and that supports up to 3-Mbps  
direct memory access data - transfer rates between the buffer and system  
bus. The buffer manager also serves to update status registers and  
re-transmit packets. Fujitsu claims the dedicated buffer memory minimizes  
CPU drain from the network.

18/3,K/69 (Item 14 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

01186674 SUPPLIER NUMBER: 04617670  
W. Digital unveils SCSI controllers. (small computer system interface).  
(product announcement)

Computer Systems News, n298, p30(1)  
Jan 26, 1987

DOCUMENT TYPE: product announcement ISSN: 0164-9981 LANGUAGE:  
ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: The products are based on Western's WD33C93, a VLSI-based  
controller chip and they transfer data at 4Mbytes per second in  
synchronous mode. The controllers are: the 7000A-SCS, which lets an IBM  
PC AT interface with an SCSI bus (\$220); the 1008-SCS optical disk  
controller (\$250); and...

18/3,K/70 (Item 1 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod. Annou. (R)  
(c) 2002 The Gale Group. All rts. reserv.

01122382 Supplier Number: 40952556 (USE FORMAT 7 FOR FULLTEXT)  
MICOM's MB300 PACKET SWITCH LAUNCHED TO OFFER COST-EFFECTIVE 56/64 KBPS  
CAPABILITIES

News Release, pl  
Sept 26, 1989  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 380

... on any Intel 80386-chip based personal computer, network operators can control up to 300 nodes on the network. Additionally, MICOM's XNMS color graphic maps and displays provide billing information, transmission statistics, and continuous network status updates.

The six-port MB300 Packet Switch includes such additional features as: expandability to 12 ports.

18/3,K/71 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01120149 Supplier Number: 40919399 (USE FORMAT 7 FOR FULLTEXT)  
EXTENDED DATA RATE ADAPTER MEETS OFFICIAL ISDN STANDARDS, BOASTS MANY NOVEL FEATURES SUCH AS NETWORK INDEPENDENT CLOCKING

News Release, pl  
Sept, 1989  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 578

... mode the microcontroller can access the 64 kbit/s channel - there is an asynchronous and synchronous mode - to transmit to and receive data from the PCB2325 installed in the remote terminal. In addition to communication with the far-end terminal, the microcontroller can also communicate with...

18/3,K/72 (Item 3 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

\*01060169 Supplier Number: 40241384 (USE FORMAT 7 FOR FULLTEXT)  
New RF Auto Transmit Feature Allows Fast, Accurate Inventory Updates

News Release, pl  
Dec 23, 1987  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 303

Ste. 225  
Norcross, GA 30092 (404) 447-4224

December 23, 1987

New RF Auto Transmit Feature Allows Fast, Accurate Inventory Updates

Mobile RF terminals from LXE, Norcross, GA, now have an automatic data transmission feature, which can save the warehouse operator time, while still maintaining accuracy of the data...

18/3,K/73 (Item 4 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2002 The Gale Group. All rts. reserv.

01024029 Supplier Number: 39720872 (USE FORMAT 7 FOR FULLTEXT)

**HONEYWELL INTRODUCES DIALOG 3000 FOR PC COMMUNICATION WITH SMART TRANSMITTERS**

PR Newswire, pN/A

March 24, 1986

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 442

... of the individual(s) who first commissioned the transmitter and who made the most recent **change** (s).

Another **key feature** of the Dialog 3000 is software that allows logging of all **transmitter data** base changes, **transmitter** alarms and communication errors. Even those changes, made independent of the PC screen, such as via the hand-held Smart Field Communicator, will be documented by the...

18/3,K/74 (Item 5 from file: 621)

DIALOG(R) File 621: Gale Group New Prod. Annou. (R)

(c) 2002 The Gale Group. All rts. reserv.

01009112 Supplier Number: 39583033 (USE FORMAT 7 FOR FULLTEXT)

**NEW DEVICE ELIMINATES CABLE PULLING AND TRENCH DIGGING.**

PR Newswire, pN/A

Sept 1, 1985

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 352

... well as IBM and other micro and personal computers.

LocalMux is easy to install. All **terminal** ports look like a standard RS232 modem. Control signals are passed straight through as are **transmitted** and received **data**. Dip switches need only be set for the type of composite line and, if used, **synchronous** clock rates. A loopback **mode** is provided for system test.

LocalMux is designed for low-maintenance. Low-power CMOS circuitry...

18/3,K/75 (Item 1 from file: 636)

DIALOG(R) File 636: Gale Group Newsletter DB(TM)

(c) 2002 The Gale Group. All rts. reserv.

01153536 Supplier Number: 40964532 (USE FORMAT 7 FOR FULLTEXT)

**CTL OPENS FIRST NAPLPS-BASED SERVICE ON RBOC GATEWAY**

Modem User News, v1, n10, pN/A

Oct, 1989

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 671

... North American videotex gateways, including NYNEX, using either Alex (NAPLPS), Minitel (Teletel), or ASCII (VT100) **modes**. The most recently **updated** version of CTLink, including new Alex **terminal** emulation, is available via **downloading** directly from CTL or from **INFO** -LOOK.

The Alex version of CTL-City is provided to American users in English (as...

18/3,K/76 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2002 The Gale Group. All rts. reserv.

01028889 Supplier Number: 40433514 (USE FORMAT 7 FOR FULLTEXT)

**IBM's AS/400 ANNOUNCEMENT**

Operating Systems & Networks, v1, n9, pN/A  
July, 1988

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1390

... gives workstation users the ability to interact with the AS/400 and take advantage of **features** such as simultaneous access/ **update** of PC data by multiple users, higher security levels, and **data transfer** applications.

Centralized **network** management features include:

- A distributed host command facility that allows a Sys/370 operator's

Set	Items	Description
S1	0	AU=(YODO, F? OR YODO F?)
S2	6506040	INFO OR INFORMATION OR DATA
S3	4868525	TRANSFER? OR TRANSMI? OR FORWARD OR SEND? OR SENT OR DOWNL- OAD?
S4	4822654	SYNC? OR UPDAT? OR UP() (DATE? OR DATING) OR MODIF? OR ALTE- R??? OR CHANG???
S5	10830266	STATE? ? OR STATUS OR ATTRIBUT? OR FEATURE? OR MODE OR MOD- ES
S6	2452529	ACCOUNT?
S7	761404	TERMINAL? ? OR NODE OR NODES OR PC OR CPU
S8	6305682	NETWORK? OR INTERNET OR INTRANET OR EXTRANET OR ONLINE OR - ON()LINE OR WEB? OR ELECTRONIC? OR SERVER?
S9	413575	S2(5N)S3
S10	133839	S4(5N)S5
S11	757	S9(15N)S10
S12	186	S11(S) (S7 OR S8)
S13	10	S12(S)S6
S14	48	S12 NOT PY>1998
S15	53	S14 OR S13
S16	44	RD (unique items)

?show files

File 20:Dialog Global Reporter 1997-2002/Sep 17  
(c) 2002 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2002/Sep 17  
(c) 2002 Financial Times Ltd

File 610:Business Wire 1999-2002/Sep 17  
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File 613:PR Newswire 1999-2002/Sep 17  
(c) 2002 PR Newswire Association Inc

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(c) 2002 San Jose Mercury News

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(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

*considered g7 4/9/05*

16/3,K/1 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

20777112 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**ING DIRECT Announces Marketing Alliance With Intuit's Quicken and TurboTax;**  
**- ING DIRECT Makes It Even Easier for Its Customers to Manage Their**  
**Finances -**  
BUSINESS WIRE  
January 16, 2002  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 612

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... industry standard for the exchange of electronic financial information over the Internet. With this connectivity, **downloading** current ING DIRECT statement **information** into Quicken is simple through Quicken's One-Step **Update feature**.  
"Quicken has long been a key tool for tracking personal financial data," noted Kuhlmann. "The..."

16/3,K/2 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

05751741 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**NRC Announces Tandem Online; New Internet-Based Collection Service Adds**  
**Speed and Accessibility to Collections Efforts**  
PR NEWSWIRE  
June 15, 1999  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 549

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... But now with Tandem Online, NRC clients can submit new debtor accounts electronically, track the **status** of each **account** and **update** addresses, contact information and debt **status** at any time. All new **information** is **transmitted** to NRC in a matter of seconds.  
"Tandem Online gives our customers a quick and..."

16/3,K/3 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

03829149 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**GTO plans to invest in global projects**  
Our Business Reporter  
MIDDLE EAST NEWSFILE (TIMES OF OMAN)  
December 07, 1998  
JOURNAL CODE: WTOO LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 641

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... services shall be upgraded to include broad band integrated service digital network and/or a **Synchronised Transfer Mode** (STM) voice, **data** and video will operate over these broad-band **networks** which will ensure Oman as part of the information super highway, she added.  
She...

16/3,K/4 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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03639933 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Lifestream Announces Intent to Acquire Medical Internet Company Secured Interactive Technologies**

BUSINESS WIRE

December 03, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 773

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... acquisition agreement and the satisfaction of certain conditions.

The Privalink system will offer immediate, encrypted **transmission** and storage of medical **information** using **Internet** technology. Healthcare professionals will use the Privalink system to record information, communicate health **status changes** and analyze treatment success in a secured **Internet** environment. The system will also offer healthcare professionals access to current scientific literature and recommendations...

**16/3,K/5 (Item 5 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2002 The Dialog Corp. All rts. reserv.

03526772 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Evolving Systems to Develop Enhanced Version of Service Management System for Nation's NPACs**

BUSINESS WIRE

November 23, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 678

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... which will allow service providers to recover lost data if a system goes down. Mass **updating features** will be enhanced so that **network data** can be **downloaded** to service providers' service order administration systems. The new software will also support number pooling  
...

**16/3,K/6 (Item 6 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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03352269 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Quest Software Announces the Widespread Availability of Vista Plus Java Client**

PR NEWSWIRE

November 05, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 608

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... automatically notified when a new version of a report is available or when a report **changes** via Vista Plus' SmartAlarm(TM) **feature**. Using either Windows-based or Java-based clients, users can view, search, extract, **download**, and print report **information** based on their authorization levels.

Quest Software, Inc., a privately held company, provides innovative software...

**16/3,K/7 (Item 7 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2002 The Dialog Corp. All rts. reserv.

03021784

**Intergraph Computer Systems Announces TDZ 2000 GX1 ViZual Workstation with Intel's 450 MHz Pentium II Xeon Processors**

BUSINESS WIRE

October 06, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1040

...sales information, resellers, or customers can call 800/763-0242 or visit the company's **Web** site at <http://www.intergraph.com/ics>. About Intergraph Computer Systems Intergraph Computer Systems (Huntsville...

... as traditional CAD, MCAD, animation, content creation, publishing and prepress, and digital media. Intergraph's **server** and **networking** and interoperability products for the IT environment deliver workgroup to enterprise performance for **internet**, **intranet**, and **extranet**, as well as thin client applications. Hardware products include Pentium/Pentium Pro/Pentium II processors/Windows/Windows NT-based graphics workstations, graphics accelerators, and **servers**. Intergraph Computer Systems is a wholly owned subsidiary of Intergraph Corporation (NASDAQ: INGR). For more information about Intergraph Computer Systems, call 800/763-0242, or visit the company's **Web** site at [www.intergraph.com/ics/](http://www.intergraph.com/ics/). NOTE TO EDITORS: For reader inquiries about Intergraph Computer Systems, please list 800/763-0242 or our World Wide **Web** address, <http://www.intergraph.com/>

**16/3,K/8 (Item 8 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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02906409 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**SHANGHAI TO BUILD BROAD-BAND INFORMATION NETWORK**

ASIA PULSE

September 23, 1998

JOURNAL CODE: WAPL LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 136

(USE FORMAT 7 OR 9 FOR FULLTEXT)

The broad-band information network, to be built on the basis of ATM (asynchronous transfer **mode**) switching technology and SDH ( **synchronous** digital hierarchy) transmission technology, will be a public **network** to **transmit** multimedia **information** in Shanghai, thus becoming an important part of the state public multimedia information **network**.

The network will provide more and more broadband multimedia information services such as long-distance...

**16/3,K/9 (Item 9 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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02894540

**Mini forum explains changes being ratified**

Alan Carroll

ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (DAILY COMMERCIAL NEWS) , p2.

September 23, 1998

JOURNAL CODE: WDCN LANGUAGE: English RECORD TYPE: ABSTRACT

WORD COUNT: 90

... Air Express International, the aim of the forum was to control goods in transit through **status** **updates** and **transfer** instructions. Cook says the transit **information** should be **sent** to warehouses **electronically**

**16/3,K/10 (Item 10 from file: 20)**



DIALOG(R)File 20:Dialog Global Reporter  
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02851925 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**DataMirror Corporation - New Transformation Server product enables enterprise-wide data transformation and replication for Sybase environments**

CANADIAN CORPORATE NEWS

September 15, 1998

JOURNAL CODE: WCCN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 610

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... in industry."

Built-in Routines Enable Powerful Data Transformation and Enhancement Transformation Server for Sybase **features** a **change** detection engine that replicates data on an incremental change basis. Only changed **data** is **sent** from the host Sybase database to one or multiple targets, resulting in reduced overhead and...

... process. Flexible scheduling allows for real-time or periodic replication based on user preference. Transformation **Server** for Sybase can also perform full-copy database refreshes when required. Product functionality and platform...

16/3,K/11 (Item 11 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

02834279

**Analyze Multiple Points in Fiber Channel Network With New Multiport Protocol Analyzer**

BUSINESS WIRE

September 16, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 473

... includes a real-time performance analyzer that monitors the duplex link continuously. Indicators show the **status** of each link: loss of **synchronization**, error, idle or **data transfer**. A gage and graph reports the **network** traffic in megabytes/second and Kframes/second. The GT Multianalyzer connects to copper or a...

... may be mixed across ports. The system is supplied fully configured in a high-performance **PC** running under the Windows NT(R) operating system. A fully configured GT Multianalyzer system with...

...Phone 650/691-4000, email sales@finisar.com or fax 650/691-4010. On the **web**, www.finisar.com. Founded in 1988, Finisar Corporation develops and manufactures high-speed fiber optic components, **network** analyzers, and test equipment, including GBIC transceivers, protocol analyzers, data generators, and link extenders for Gigabit Ethernet and Fibre Channel **networks**. Note: photo available. CONTACT: Finisar Corp. John Adam, 650/691-4000 x139 or Bonfield Associates...

16/3,K/12 (Item 12 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

02813421

**New Transformation Server product enables enterprise-wide data transformation and replication for Sybase environments**

BUSINESS WIRE

September 15, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 642

...in industry." Built-in Routines Enable Powerful Data Transformation and Enhancement Transformation Server for Sybase **features** a **change** detection engine that replicates data on an incremental change basis. Only changed **data** is **sent** from the host Sybase database to one or multiple targets, resulting in reduced overhead and...

... process. Flexible scheduling allows for real-time or periodic replication based on user preference. Transformation **Server** for Sybase can also perform full-copy database refreshes when required. Product functionality and platform...

...and enhancement routines that maximize flexibility in data manipulation. Data cleansing routines applied by Transformation **Server** for Sybase enhance the value and usefulness of database information to decision makers throughout the organization. Transformation **Server** enables a variety of powerful data transformations including: allowing users to translate values, derive new...

... requirements like weights and measures, and currency conversion including Euro conversion. Pricing and Availability Transformation **Server** for Sybase licenses for Hewlett-Packard HP 9000, IBM RS/6000 and Sun systems a...

... available for immediate shipping. Pricing is custom quoted based on computing environment on a per **server** basis. Contact DataMirror at 1-800-362-5955, or visit the DataMirror **web** site at [www.datamirror.com](http://www.datamirror.com) for more details. About DataMirror Corporation DataMirror Corp., founded in ...

... Us and Sony, use award-winning DataMirror software. They harness the high performance of Transformation **Server** for enterprise-wide business solutions like building and replenishing data marts and warehouses, high systems availability, data and workload distribution, Y2K and Euro conversions, **electronic** business, and ERP system integration. DataMirror software is a proven solution for rapidly and seamlessly...

... among heterogeneous systems and databases including IBM AS/400, UNIX, and Microsoft Windows NT based **servers** running DB/2, Microsoft SQL **Server**, Oracle and Sybase databases. DataMirror, with headquarters in Markham, Ontario, Canada, has offices throughout North...

... publicly traded Canadian company listed on the Toronto Stock Exchange (symbol: DMC). Visit the DataMirror **web** site at: [www.datamirror.com](http://www.datamirror.com). CONTACT: William Hartwick Director of Marketing 905/415-0310 ext...

16/3,K/13 (Item 13 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

01608385 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**BankBoston Introduces Banking on the Internet With New Online Banking Services**  
BUSINESS WIRE  
May 12, 1998 11:30  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1401

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the United States, 24 hours a day, seven days a week, and the ability to **download** HomeLink **information** to financial management software such as Quicken. Its new **features** include an **updated** graphical user interface, making the navigation from screen to screen much easier. All customer information...

...screen all of the time, and additional information is just a click away.

Any customer **account** that is linked to a BankBoston Card can be accessed through the new HomeLink, and those **accounts** can be named **online**. Two new convenience-oriented features of the new HomeLink are balance alerts and balance forecasting. Balance alerts inform customers at log-in if any **account** balances are above or below a predetermined amount. In addition, customers can be notified **online** if a bill payment has not cleared after a certain number of days. Balance forecasting...

... future balances based on scheduled HomeLink transactions. Although it will be available via a private **network**, thanks to its **Internet** functionality, the new HomeLink can be used wherever a customer has access to a computer. For example, if a customer wants to check his or her **account** while traveling across the country, he or she can simply use any **Internet**-connected computer, access [www.bankboston.com](http://www.bankboston.com), click on the HomeLink icon and check **account** balances, make an **account** transfer or pay the mortgage immediately. HomeLink is free to all customers who have a checking **account**, with a monthly fee of \$3.50 for **Online** Bill Payment for some customer segments. This is the same price point as the first version of HomeLink. **ONLINE ACCOUNT OPENING -- A Virtual Visit to the Bank at [www.bankboston.com](http://www.bankboston.com)**

Online Account Opening is...

16/3,K/14 (Item 14 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

01450843 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**RAM MOBILE DATA: Moves emergency medical couriers trial new RAM solution for motorbike couriers**  
M2 PRESSWIRE  
April 22, 1998  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1328

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... up with congestion on the airwaves as they wait to feed back information. The RAM **Network** transmits accurate, detailed job information into Fleetway CONNECT first time.  
RAM Express Despatch requires minimal...

16/3,K/15 (Item 15 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

01438371 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**CSK SOFTWARE: Slingshot version 1.6 tackles issues of large scale deployment**  
M2 PRESSWIRE  
April 21, 1998  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 952

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... only as a result of movement in the Market. In addition, only the updated or **changed information** is **sent**. Together these **features** result in a very economical usage of bandwidth.  
Slingshot Version 1.6  
Slingshot Version 1...

16/3,K/16 (Item 16 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2002 The Dialog Corp. All rts. reserv.

01384308

**M Technology/Soyo Computer Unveil 450MHz "Stallion BX" Pentium II Motherboards**

BUSINESS WIRE

April 15, 1998 11:17

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 488

... on both boards include Intel's new 440BX AGPset (chipset), which increases system speed and **data transfer** performance through its support for AGP. The Stallion BX models also **feature** fast **synchronous** DRAM, Wake-On LAN, and the Ultra Direct Memory Access 33MBps (Ultra DMA/33) hard-drive interface. Both boards also feature Sofset jumperless technology, which allows the **CPU** clock speed to be set incrementally with Award Software's Plug-n-Play flash BIOS...

... LM78 hardware monitor chip, which reports voltage spikes, overheating, and fan failure to LANdesk Client/ **Server** manager software, which is available as an option. The SY-6BB is designed for small...

... 1931 Hartog Drive, San Jose, Calif. 95131. Phone 408/441-8818, fax 408/441-8878, **web** site http:

**16/3,K/17 (Item 17 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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01233995 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**FUJITSU: Fujitsu launches NC State Scholarships**

M2 PRESSWIRE

March 24, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 512

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... implementation of the North Carolina Information Highway project, for which Fujitsu provided the Asynchronous Transfer **Mode** (ATM) switching and SONET ( **Synchronous Optical Network** ) transport backbone. ATM and SONET are **networking** technologies that **transmit** digital voice, **data** , and video traffic at extremely high speeds.

Each April 15, a \$2,500 scholarship will...

**16/3,K/18 (Item 1 from file: 476)**

DIALOG(R)File 476:Financial Times Fulltext

(c) 2002 Financial Times Ltd. All rts. reserv.

0007558845 BOEIZD8ABUFT

**Survey of Using Computers in Business (23): User-friendly system for care workers - Case study**

Financial Times, P VI

Monday, September 26, 1994

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 483

...other sites around the county.

The mainframes run a single centralised Oracle database, from which **data** is **downloaded** to the area **servers** running Gupta's SQLBase database. The Oracle database is **updated** each night in batch **mode** .

Applications software was written by the Easams consultancy. The system started to go live in...

**16/3,K/19 (Item 2 from file: 476)**

DIALOG(R)File 476:Financial Times Fulltext  
(c) 2002 Financial Times Ltd. All rts. reserv.

0006545466 BOCJOBADSFT

**Survey of International Telecommunications (14): The stakes are high -  
Private networks**

JULIE HARNETT

Financial Times, P VII

Thursday, October 15, 1992

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 1,148

...voice, data and video.

The barriers are significant, not least because Lans are optimised for **data transmission** and peripheral sharing while Wans are designed primarily for telephony.

ATM (Asynchronous Transfer **Mode** ) and Sonet ( **Synchronous** Optical **Network** ) are just two developments considered to be a large advantage in this respect. ATM combines...

16/3,K/20 (Item 1 from file: 610)

DIALOG(R)File 610:Business Wire

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00746953 20020717198B2318 (USE FORMAT 7 FOR FULLTEXT)

**Quicken 2003 for Mac Makes It Easier Than Ever to Keep Records Up-to-Date;  
Newest Release Focuses On Reducing The Time And Hassle Associated With  
Managing Personal Finances**

Business Wire

Wednesday, July 17, 2002 11:07 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 777

...solution for managing their personal finances."

In addition to making it easier to set up **accounts** for **online download**, now

"always up-to-date" **data** is a reality with Quicken 2003 for Macintosh's **Scheduled Updates feature**. This **feature** allows you to control when you want

Quicken to receive updated information from your financial institution via the

**Internet** by setting a schedule for each one independently. Through **Scheduled**

**Updates**, you can also automatically...

16/3,K/21 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

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0524650

**FIRST AWACS/TORNADO AIRBORNE DATA LINK**

Aviation Week & Space Technology November 15, 1993; Pg 62; Vol. 139, No.

20

Journal Code: AW

ISSN: 0005-2175

Section Heading: Avionics

Dateline: LONDON

Word Count: 365 \*Full text available in Formats 5, 7 and 9\*

TEXT:

...the other, a simulated target.

The practice intercepts were conducted using mission assignments and

target **information** sent by **data** link from the AWACS to the interceptor, with the interceptor transmitting regular engagement **status updates** on the JTIDS/Link 16 **network** .

The controlling AWACS **transmitted** interceptor and target **information** through the data link to the second AWACS, which monitored the progress of the intercepts...

16/3,K/22 (Item 2 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
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0384413

**On Board the Stallion**

Unix World May, 1992; Pg 120; Vol. IX, No. 5  
Journal Code: UNIX ISSN: 0739-5922  
Section Heading: New Products: Boards  
Word Count: 246 \*Full text available in Formats 5, 7 and 9\*

**TEXT:**

Stallion Technologies Inc. offers two X.25 wide-area **network** communications processors, one called Onboard-sync and the other Xstream. Onboard-sync features a 16...

... RAM. Unlike the traditional X.25 coprocessor, it also provides asynchronous communication with local printers, **terminals** , and other devices. Xstream frees the **CPU** for other tasks by processing all **networking** protocol software and **data transfers** on the card. It **features** two high-speed **synchronous** links that support X.21 (circuit-switching) at a rate of 64 kilobits per second...

16/3,K/23 (Item 3 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
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0132478

**GAMMA TELECOM CORP.**

Aviation Week & Space Technology July 3, 1989; Pg 63; Vol. 131, No. 1  
Journal Code: AW ISSN: 0005-2175  
Section Heading: Electronic Intelligence  
Word Count: 118 \*Full text available in Formats 5, 7 and 9\*

**TEXT:**

... engineers to review drawings or CAD graphics interactively over telephone lines using an IBM compatible **PC** and modem. The system compresses data sets from drawings or CAD files by a factor...

... by touching the screen with the pen. Only slight delays, while the system shifts to **data mode** to **transmit changes** , interrupt normal telephone conversation. The system can produce black and white or color graphics with...

16/3,K/24 (Item 4 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
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0033089

**THE NERVE-RACKING JOB OF SETTING UP A NETWORK: It takes faith to justify the high costs and installation snafus**

Business Week April 27, 1987; Pg 112; Number 2996  
Journal Code: BW ISSN: 0007-7135  
Section Heading: Information Processing  
Word Count: 1,173 \*Full text available in Formats 5, 7 and 9\*

**BYLINE:**

John W. Wilson in San Francisco, with Zach Schiller in Cleveland and bureau reports

TEXT:

...isn't that much in the way of software that's really usable on a **network**," says Richard A. Shaffer, editor of the Technologic Computer Letter. The software Hitachi uses on its **network** for data base management, for example, "takes virtually all night to **download data** such as orders and **status changes**" from the mainframe to personal computers, says Ayres.

Johns Hopkins Hospital in Baltimore had dramatic...

16/3,K/25 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0784124 BW0263

**ADVANCED MICRO DEVICES: AMD Introduces the Industry's First 1.8-Volt-Only Flash Memory Family; Enabling the Next Generation of Handheld Devices**

December 10, 1997

Byline: Business Editors/Computer Writers

...multiple language and dictionary support  
-- Personal information schedulers  
-- Voice activation and recording  
-- Over-the-air **data transmission** for e-mail and **modified web** -page access  
-- Multi-band/ **mode** phones such as GSM/DECT (Digital European Cordless Communications) or GSM/DCS1800/PCS1900 that take...

16/3,K/26 (Item 2 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0697193 BW1328

**IBM OS 2 WARP: OS/2 Warp Features Delivered Via the Internet; Customers Can Get Early Electronic Access To New Features**

April 29, 1997

Byline: Business Editors and Computer Writers

...is easily accessed through the Internet and offers eligible customers several options in selecting product **downloads**. In addition to technical **information** and hot links, customers can choose from a catalog of downloadable **features** and **updates** that will be available to customer with **Internet** access -- many at no charge. Most new network computing functions, along with the periodic CD...

16/3,K/27 (Item 3 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0638316 BW1233

**UUNET: UUNET to introduce complete electronic commerce solution using Microsoft Merchant Server**

October 28, 1996

Byline: Business Editors/Technology Writers

...services or doing other special features only requires changing a few data fields through Merchant **Server** 's administrative interface. With this flexibility, special events or sales no longer have to be...

16/3,K/28 (Item 4 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0617780 BW0257

**SAX SOFTWARE: Sax Software ships new version of Webster Control; Award-winning Sax Webster Control 2.0 offers full support for printing, plus faster browsing and complete OCX power**

August 26, 1996

Byline: Business Editors

...Sax Webster Control lets users make selections from predefined menus, enter keywords for easy searching, **send information** to a **server** , and receive automatic **updates** . The **Webster** 's filter **feature** can be set to scan the contents of a page before it's displayed to...

16/3,K/29 (Item 5 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0599025 BW0133

**BBN SCUDDER: BBN hosts Scudder Funds new web site; BBN Planet develops and implements customized web sites for innovative web users such as The Boston Globe and Wang**

June 27, 1996

Byline: Business/Technology Editors

...business through network-centric computing.

BBN worked with Scudder to build the site offering customized, **on - line** financial data. Features of the site include a news **feature** with fund-specific **updates** , secure **transfer** of fund performance **data** from both Scudder and Lipper Analytical Services, Inc., access to fund prospectuses and profiles, secure...

16/3,K/30 (Item 6 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0580774 BW1336

**ASCOM TIMEPLEX: Ascom Timeplex introduces a turnkey service to help the cable industry meet the opportunities and challenges of deregulation**

April 30, 1996

Byline: Business Editors

...lends itself to CATV companies' needs for simplified but cost-effective , reliable



services by merging **data** , voice and video **transmissions** over a single **network** infrastructure. The **SYNCHRONY ENN features** the patented Ascom Timeplex EXPRESS SWITCHING architecture which offers a dynamic bandwidth breathing technology which...

16/3,K/31 (Item 7 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0527523 BW0103

**SPRINT SCHOOLS 2: Sprint Broadband Technology; video-on-demand school pilot generates excitement from teachers, students**

October 24, 1995

Byline: Business Editors and Telecommunications/Education Writers

...into analog television format.

Sprint is also providing switching services and transport technology essential to "**information** superhighway" applications -- Asynchronous **Transfer Mode** switching and **Synchronous Optical Network**

technology for transport. SONET and ATM make it possible to move signals at extremely fast...

16/3,K/32 (Item 8 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0526102 BW0162

**UNION BANK: Union Bank first California bank to debut on-line service; Bank@Home PC banking service is first and free**

October 19, 1995

Byline: Business Editors & Multimedia Writers

...full range of banking options.

Both Quicken and Microsoft Money allow Bank@Home users to **download account information** automatically, eliminating the need for customers to **update** the information themselves.

Bank@Home **features** include Bank **On - Line** ( **account information** and **transfers** ), Pay **On - Line** ( **electronic** bill payment) and Quotes **On - Line**

(prices for most stocks and mutual funds for Microsoft Money users).

In addition to the...

16/3,K/33 (Item 9 from file: 810)  
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0516322 BW0059

**UNION BANK BANK AT HOME: Bank@Home service from Union Bank to debut in October; introductory offer to feature free service, software rebate**

September 14, 1995

Byline: Business Editors & Computer Writers

...full range of banking options. Both Quicken and Microsoft Money allow Bank@Home users to **download account**

information automatically, eliminating the need for customers to update the information themselves.

Bank@Home features include Bank On - Line (basic account information and transfers ), Pay On - Line (bill payment) and Quotes On-Line (up-to-date prices for most stocks and mutual...

16/3,K/34 (Item 10 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0373624 BW874

**DATAPRO: Datapro bulletin instructs readers on "Building the Information Superhighway"**

December 8, 1993

Byline: Business Editors & Computer Industry Writers

...revolutionary. Datapro analysts perceive the NII as comprising nearly every existing and proposed high-speed networking and advanced computing technology, including Synchronous Optical Network (Sonet), asynchronous transfer mode (ATM), fiber distributed data interface (FDDI), high performance parallel interface (HPPI), wireless, advanced satellite, and all-optical networking technologies...

16/3,K/35 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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1055429 ATW002  
**Computer Associates Subsidiary Infresco and Netscape Announce Technology Pact**

DATE: February 12, 1997 07:57 EST WORD COUNT: 800

... Corporation is a leading provider of open software for linking people and information over enterprise networks and the Internet . The company offers a full line of clients, servers , development tools and commercial applications to create a complete platform for the next-generation of live online applications. Additional information on Netscape Communications Corporation is available on the Internet at <http://home.netscape.com>, by sending email to [info@netscape.com](mailto:info@netscape.com), or by calling 415-927-2555 (corporations) or 415-937-3777 (individuals).

NOTE: Features and Availability are subject to change . Infresco and OPAL are trademarks of Infresco Corporation, Netscape is a trademark of Netscape Communications...

16/3,K/36 (Item 2 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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1051904 PHTU017  
**Ridge Budget Stresses Information-Based Technologies to Enhance Education and Public Safety**

DATE: February 4, 1997 11:35 EST WORD COUNT: 577

... court data systems cannot easily share data because of differences in how their current computer networks function. Information frequently must be printed out by one agency, handed off, and then retyped into another group's computers. This impedes crime-fighting efforts by slowing the transfer of information , and raises the cost of data sharing.

The Ridge budget also allocates \$10 million for **modifications** necessary to protect the **state** 's computer systems from data programming flaws that threaten to disable computers worldwide. Experts predict...

16/3,K/37 (Item 3 from file: 813)  
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1023294 SFM016  
IVY to Deliver Electronic Publishing Software Incorporating Adobe Acrobat Software

DATE: November 18, 1996 08:08 EST WORD COUNT: 1,249

...or even  
export text to their own working documents (if the publisher has included this  
feature ).

Previously released information can be **updated** in the program, with new  
information viewed on the **Internet** , **downloaded** from **online** or offered via  
CD-ROM. For example, if an archived article on microprocessors is out...

16/3,K/38 (Item 4 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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1013804 FLM009  
Racal Introduces **SNMP-Managed Secure Data Protection For Frame Relay Networks With The Datacryptor(TM) 64f Encryptor**

DATE: October 28, 1996 11:53 EST WORD COUNT: 938

...security.

The Datacryptor 64F frame relay encryptor supports up to 992 Permanent Virtual Circuits -- allowing **networks** to expand without constant upgrades or equipment replacement. For maximum flexibility, frame sizes up to 4096 bytes are supported. The DES algorithm is used in the 8-bit cipher feedback **mode** for automatic re- **synchronization** without operator intervention. Both protected and unprotected **information** can be **transmitted** seamlessly over the same **network** .

#### MANAGEMENT FLEXIBILITY

Besides SNMP management, the Datacryptor 64F can be managed by a Datacryptor Key...

16/3,K/39 (Item 5 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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0922477 NETH018  
ICHAT OFFERS **NETSCAPE PLUG-IN FOR TRULY INTERACTIVE WEB INTEGRATED CHAT SESSIONS**

DATE: March 7, 1996 12:07 EST WORD COUNT: 712

...Web page. Chat systems allow Internet users to interact directly with one another.

Generally, the **Web** is a static medium permitting the one-way **transfer** of **data**, but with better integration of chat on the **Web**, its **status** is about to **change**. Chat is valuable because it brings people together **electronically** in a way that makes it easy to communicate with one another. Unlike other forms of chat, **Web**-integrated chat enhances a company's **Web** presence by delivering to visitors the opportunity to interact with others in real-time, without having to launch a separate application to enter chat rooms. The addition of **Web**-integrated chat enables the **Web** site to develop a sense of community among its visitors who already have a common...

16/3,K/40 (Item 6 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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0683931 SF007  
TEALE DATA CENTER: STATE GOVERNMENT EVALUATES INTERCONNECTING LOCAL AREA NETWORKS

DATE: March 10, 1994 17:21 EST WORD COUNT: 358

...Center and the Department of Transportation began evaluating the exchange of computer-based geographic map **information** using Asynchronous **Transfer Mode** (ATM) and the **Synchronous Optical Network** standard (SONET). The high-speed custom **network** design developed by Pacific Bell will be evaluated over a 60-day period under the...

16/3,K/41 (Item 7 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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0657021 DC010  
SPRINT TESTING VIDEO-ON-DEMAND FOR THE CLASSROOM

DATE: December 7, 1993 12:31 EST WORD COUNT: 1,040

...the year.

Sprint also is providing next-generation switching services and transport technology essential to "**information** superhighway" applications -- Asynchronous **Transfer Mode** switching technology, and **Synchronous Optical Network** for transport. SONET and ATM make it possible to move signals at extremely fast rates...

16/3,K/42 (Item 8 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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0318740 NY044  
OFFICIAL AIRLINE GUIDES OFFERS OAG FLIGHTDISK FOR FLIGHT SCHEDULES IN DIFFERENT PRICE FORMATS

DATE: November 5, 1990 10:46 EST WORD COUNT: 393

...our printed North American Edition."

An OAG FlightDisk subscription consists of computer diskettes which are sent each month with **updated information**. The disks feature direct connecting flights for the most frequently traveled city pairs in U.S., Canada, Mexico and the Caribbean available **electronically** at a

glance. Information on FlightDisk includes:

-- More than 150,000 direct and connecting flights...

16/3,K/43 (Item 9 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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0086277 NY05  
UNOCAL RETAIL SERVICE STATIONS JOIN JCPENNEY SYSTEMS SERVICES' ELECTRONIC  
NETWORK

DATE: July 5, 1988 09:05 E.T. WORD COUNT: 315

...more than 10,000 retail gasoline outlets in  
nearly every state in the United States.

**Electronic** credit authorization and data capture allow a gasoline  
retailer to run a customer's credit card through a magnetic stripe  
reader on a **terminal** that **transfers account sales information** via  
telecommunication lines to a central site host computer file, where  
the **account's status** is referenced and **updated**.

"We're very enthusiastic about adding point-of-sale credit card  
capability to our service...

16/3,K/44 (Item 10 from file: 813)  
DIALOG(R)File 813:PR Newswire  
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0028583 NYAT3  
U.S. ROBOTICS DROPS CASE AGAINST HAYES AND LICENSES IMPROVED ESCAPE  
SEQUENCE

DATE: October 21, 1987 09:54 E.T. WORD COUNT: 531

...Robotics involves an escape sequence which allows the modem  
to change or "escape" from the **on - line** mode of operation  
(receiving/transmitting data) to the command mode (interpreting the  
Hayes Standard "AT" Command Set). The possibility exists that the  
escape sequence characters could appear in **data** being **transmitted**  
and, as a result, the modem would respond by **changing** to the command  
**mode**. By implementing a guard time in conjunction with the escape  
sequence, modem manufacturers prevent such...

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